



Warren

County Community College



2015—2016 COLLEGE CATALOG

WCCC Programs of Study

DEGREE	MAJOR	OPTION	PAGE
BUSINESS MANAGEMENT			
AAS	Business Management	Accounting Management Option.....	32
AAS	Business Management	Business Management Program	36
AAS	Business Management	Computer Information Services Option	42
AAS	Business Management	Small Business Management Option	68
Certificate	Business Management	.....	37
Certificate	Small Business Management	.....	69
Certificate	Computer Information Services	.....	43
CREATIVE WRITING			
AFA	Creative Writing	.....	44
CRIMINAL JUSTICE STUDIES			
AS	Criminal Justice Program	.....	45
Certificate	Criminal Justice – Corrections	.....	46
EDUCATION			
AAS	Early Childhood Education	.....	47
Certificate	Early Childhood Education	.....	48
ECOTOURISM			
AS	Ecotourism	.....	49
EMERGENCY SERVICES			
AAS	Emergency Services	Fire Service Option.....	51
SCIENCE			
AS	General Science Program	.....	66
AS	General Science	Biology Option.....	34
AS	General Science	Environmental Studies Option.....	53
AS	General Science	Chemistry Option.....	38
GRAPHIC AND WEB DESIGN			
AAS	Graphic and Web Design	.....	56
AAS	Graphic and Web Design	Web Development Option	72
Certificate	Graphic and Web Design	.....	57
Certificate	Webmaster	.....	73
LIBERAL ARTS			
AA	Business Administration Option	.....	34
AA	Communications Option	.....	38
AA	Computer and Information Sciences Option		40
AA	Elementary and Secondary Education Option.....		50
AA	English Option	.....	52
AA	Fine Arts Option	.....	54
AA	History	.....	58
AA	Pre-Law Option	.....	63
AA	Pre-Professional Program	.....	59
AA	Social Science Option	.....	70
Certificate	Communications	.....	39
MEDICAL			
AS	Nursing	Nurse Education Program	61
AAS	Medical Assisting	.....	60
PROFESSIONAL STUDIES			
AS	Occupational Therapy Assistant	.....	62
AS	Psychosocial Rehabilitation and Treatment.....		64
AS	Respiratory Care	.....	65
AAS	Automotive Technology	.....	32
AAS	Food and Beverage Management	.....	55
AAS	Technical Studies	.....	71
Certificate	Security and Loss Prevention	.....	67

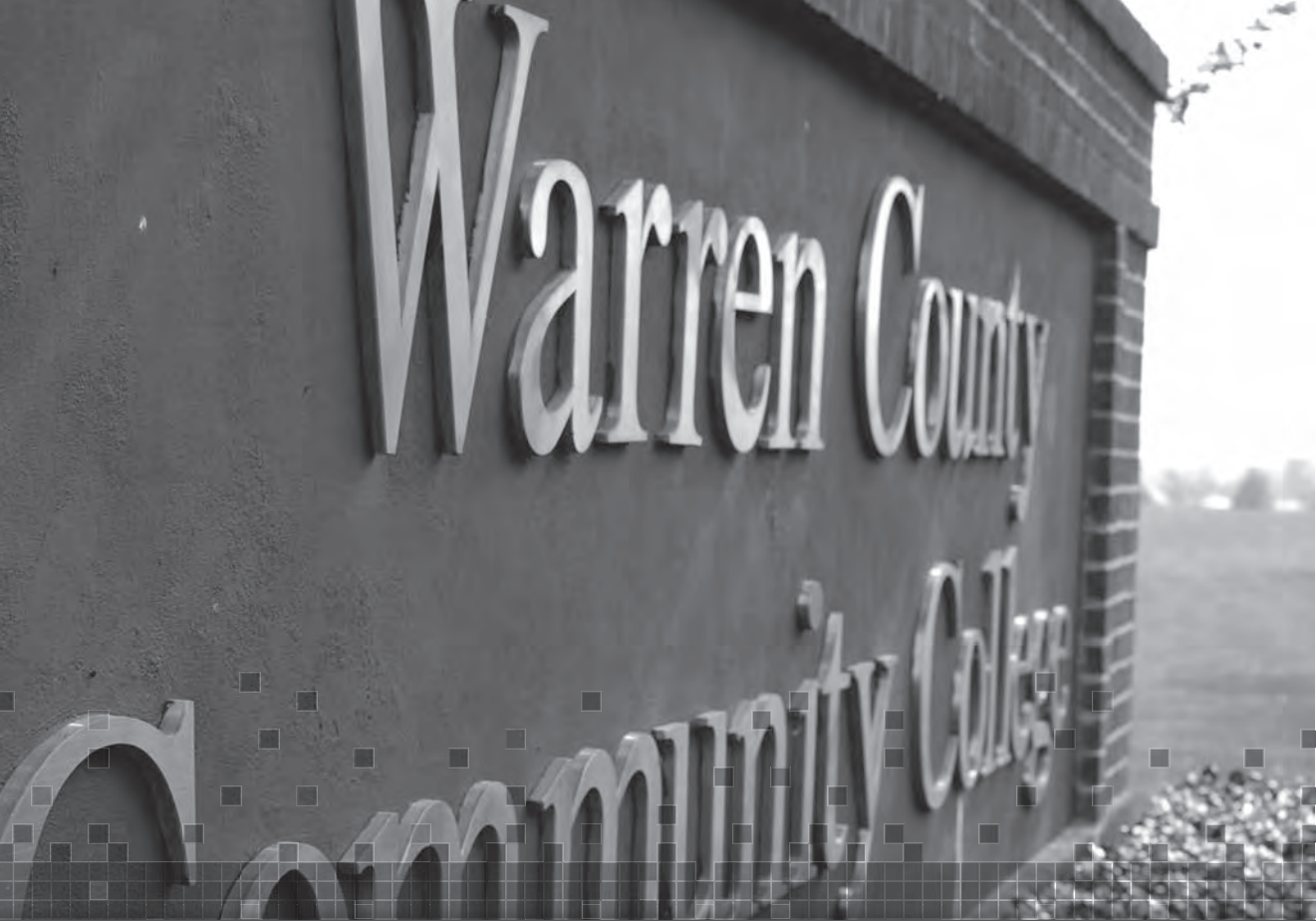


CONTENTS

Letter from the President.....	3
Welcome to WCCC.....	4–6
Admissions	7–11
Financial Aid	12–15
Registration & Tuition.....	16–20
Academic Standards & Policies	21–27
Programs of Study.....	28–73
Distance Learning.....	74
Course Descriptions.....	75–107
Student Services	108–119
WCCC Board of Trustees/Administration	120–122
Instructors.....	123–131
WCCC Foundation.....	132–133
WCCC Advisory Boards.....	134–138

Affirmative Action and Compliance Statement

Warren County Community College is firmly committed to a policy of Equal Opportunity and Affirmative Action, and will implement this policy to assure that the benefits, services, activities, programs and employment opportunities offered at the institution are available to all persons regardless of race, creed, religion, ancestry, national origin, nationality, age, sex, affectional or sexual orientation, marital/civil union or veteran status or disability, and in accordance with state and federal laws: Title VI, Title VII, Civil Rights Act of 1964; Executive Order 11246, as amended; Title IX, Educational Amendments of 1972; section 503 and 504, Rehabilitation Act of 1973, as amended; Veteran's Assistance Act of 1972; as amended. Inquiries regarding compliance with Civil Rights Laws may be directed to Sharon Hintz, Director of Human Resources and Affirmative Action and Compliance Officer in the Human Resources Office, (908) 835-2356.



WELCOME

Warren County Community College maintains a mission of building a community of learners through accessible, quality learning opportunities designed to meet educational goals and aspirations.

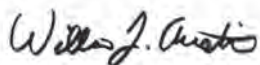
Dear Student:

Welcome to Warren County Community College. WCCC is a vibrant, caring institution dedicated to your personal goals and success. WCCC enjoys an excellent reputation for quality programs, personalized service, and a commitment to the community it serves. We are pleased that you have chosen WCCC to meet your higher education goals.

This Academic Catalog is designed as one of the reference tools that you may use to learn more about College services and student-related policies. While this Catalog is extensive, it is not exhaustive. You are encouraged to contact the appropriate College officials for further assistance. Our dedicated faculty and staff pride themselves on a personal commitment to student success, so please never hesitate to ask one of us, including the president, for assistance!

Therefore, I invite you to contact me personally or to stop by my office if I can be of any assistance in your pursuit of your academic goals at WCCC!

Sincerely,

A handwritten signature in black ink, reading "William J. Austin". The signature is written in a cursive, flowing style.

Dr. William J. Austin,
President

WELCOME TO WCCC

Academic Year Hours of Operation

Administrative Offices

9:00 a.m. – 5:00 p.m. Monday – Thursday

9:00 a.m. – 3:00 p.m. Friday

Bookstore

(908) 689-0190

9:00 a.m. – 5:00 p.m. Monday – Thursday

9:00 a.m. – 3:00 p.m. Friday

Library

(908) 835-2336

Monday – Thursday: 8:00 a.m. – 9:00 p.m.

Friday: 8:00 a.m. – 5:00 p.m.

Saturday: 8:00 a.m. – 1:00 p.m.

Hours of operation may be adjusted in accordance with campus programmatic and/or student needs.

Visit the College's website (www.warren.edu) for more information about evening, weekend and summer hours of operations and services.

College Accreditation

Warren County Community College is fully accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104, (267) 284-5000. The Commission on Higher Education is the regional institutional accrediting agency recognized by the U.S. Secretary of Education and Council for Higher Education Accreditation (CHEA). Accreditation was reaffirmed in 2013.

Governance

Warren County Community College Commission was established in July 1981 as the Warren County Community College Commission by the New Jersey State Board of Higher Education and the Warren County Board of Chosen Freeholders. The College was initially accredited in 1992 and re-licensed as Warren County Community College (WCCC). The College is governed by an 11-member Board of Trustees and a non-voting alumni trustee. The Board is authorized to grant Certificates and to confer the Associate in Arts, Associate in Fine Arts, Associate in Science, and Associate in Applied Science degrees. The College operates under various statutes and regulations and must meet all quality standards of public institutions of higher education. The College

receives funding from the Warren County Board of Chosen Freeholders and the State of New Jersey. The remaining operational funds are derived from student tuition and fees and miscellaneous funds.

Vision Statement

Warren County Community College will improve learning opportunities and learning outcomes, strengthen its commitment to community, and embrace innovation and change.

Values Statement

Warren County Community College's vision for the future is grounded in the following values and beliefs:

- Collaboration
- Commitment
- Diversity
- Innovation
- Integrity
- Learning
- Quality

WCCC Mission Statement

Warren County Community College maintains a mission of building a community of learners through accessible, quality learning opportunities designed to meet personal aspirations.

Strategic Goals

General Education

To provide learners a foundation to attain educational success

Developmental Education

To prepare learners for collegiate success

Transfer Education

To enable learners to achieve success at four-year institutions and beyond

Career Education

To meet the needs of learners in business, industry and government

Community Education

To provide diverse and accessible educational, cultural and service opportunity

Continuing Education

The Department of Continuing Education, located at WCCC's Phillipsburg Education Center, provides career training for many health and business professions. The department also offer continuing education for government protective services and public safety. A variety of professional development workshops, Active Adult 55+ classes, personal enrichment and online courses, plus an extensive Summer Youth program complement a full-service institution of higher learning. Continuing Education plays a significant role in post-secondary education committed to the adult learner, providing the non-traditional student with opportunities to continue their education through courses and programs.

Career programs provide the necessary education and hands-on experience for return-to-work training, upgrading skills, or employment-enhancing opportunities. This department also provides job search assistance, which includes career counseling, interviewing techniques, and resumé writing. Some of these programs include:

- Administrative and Clinical Assisting
- Certified Nursing Assistant
- Dental Assisting
- English as a Second Language
- Therapeutic Massage
- Phlebotomy, Dietary Manager, plus other health professions
- Office Assistant Training Program
- Computerized Accounting
- Entrepreneur Training
- Floriculture and Merchandising

Additionally, this department impacts economic development in our county by enhancing the skills of the local workforce by building strong partnering relationships with regional businesses. This is done by assessing workforce needs, assisting with training opportunities, and translating the training into increased productivity and efficiency for employers. Through the Continuing Education Department at Warren County Community College, local businesses can access a variety of training services for their current and emerging employees.

For more information on Continuing Education programs and services, visit www.warren.edu or call (908) 689-7613.

WCCC Small Business Growth Center

The Warren County Community College Small Business Growth Center is a not-for-profit entity dedicated to improving the business climate and economic development of Warren County. As a part of the College, the incubator provides support for innovative entrepreneurial activity, add meaningful jobs, and attract new people, ideas and capital to the county. For more information, please contact the Department of Continuing Education at (908) 689-7613.

Where to Find Us

WCCC MAIN CAMPUS

Warren County Community College is conveniently located on Route 57, 2.5 miles west of the intersection of Routes 57 and 31 in Washington, New Jersey.

From Route 80 Eastbound

Take Route 80 east to exit 4B (Route 46). Take Route 46 to Route 31 South. Turn right onto Route 57 West. Proceed 2.5 miles, the College will be on the left.

From Route 80 Westbound

Take Exit 26 to Route 46, Hackettstown/Budd Lake. Turn left when the road comes to a "T". Follow signs to Route 57 West, toward Washington. Follow directions above.

From I-287 or I-78/US-22

(Trenton, New Brunswick, or Shore Area)

Take Route 78 West to Exit 17 (Route 31 North). Follow Route 31 North to its intersection with Route 57 in Washington, NJ. Turn left onto Route 57 West and travel approximately 2.5 miles. Turn left at Warren County Community College, just before the Warren County Technical School.

WELCOME TO WCCC

From US-22 Eastbound

Take Route 22 East to its intersection with Route 57, near Phillipsburg. Follow Route 57 East, toward Washington, approximately 9 miles. At the border of Washington, turn right at the Warren County Community College driveway, immediately past the Warren County Technical School.

Phillipsburg Education Center

The Phillipsburg Education Center is conveniently located on Marshall Street in Phillipsburg, just off Route 22. It is minutes from the toll bridge into Pennsylvania and approximately 10 miles west of the WCCC Washington campus.

From Route 80 East or Westbound

Take Route 80 East or West to Route 33 South. Take Route 22 East and cross into New Jersey. Approximately one mile after the toll bridge, turn right onto Pickford Avenue, then left onto Marshall Street. The Education Center will be on the left, the parking lot will be on the right.

From Route 22 Eastbound

Follow Route 22 East into New Jersey. Approximately one mile after crossing the toll bridge, turn right onto Pickford Avenue, then left onto Marshall Street. The Education Center will be on the left, the parking lot will be on the right.

From I-287 or I-78 West

Follow I-78 West and take Exit 3 (Route 22 West towards Phillipsburg). Follow Route 22 West for approximately 3 miles, then take the ramp on right for Roseberry Street, towards Belvidere. Turn left onto Roseberry Street, then turn right onto Marshall Street. The Education Center will be on the right, the parking lot will be on the left.

From Route 31 North/South or Route 57 Westbound

Follow Route 57 West towards Phillipsburg, approximately 9 miles from Washington. Continue straight onto Route 22 West. In approximately 1 mile, take the ramp on right for Roseberry Street, towards Belvidere. Turn left onto Roseberry Street, then turn right onto Marshall Street. The Education Center will be on the right, the parking lot will be on the left.



ADMISSIONS

ADMISSIONS

Admissions Policy

Admission to Warren County Community College is available to all applicants who have graduated from a recognized high school, completed a secondary school education in a home schooling setting, earned a secondary school completion credential, or demonstrated an ability to benefit.

The College reserves the right to require the submission of official high school transcripts in order to verify previous education and/or the completion of course prerequisites. In addition, high school transcripts may be used to satisfy proof of immunization, standardized test results or other information as required by state or federal governments. Students wishing to transfer in college credits must submit an official transcript from their prior college(s) indicating successful completion of their coursework in accordance with College standards for their academic program.

Applications of non-high school graduates will be evaluated using the College's placement examination as an indicator of their ability to benefit. If there is remediation required, as determined by the placement examination, said remediation shall be completed upon enrollment. All non-high school graduates will be advised on the benefit of achieving the equivalency diploma. Applicants who are under eighteen (18) years of age and do not have a high school diploma must provide letters of permission from a parent and/or high school principal or designee.

Acceptance to the College does not ensure admission to all programs. The College reserves the right to limit enrollment in all courses and programs of study. Selection criteria may be established for specialized degree and certificate programs.

Admission to the College does not guarantee rights to financial aid. The College will adhere to all federal and state statutes relating to awarding financial aid.

Admissions Process

All new students must complete and submit an application for admission. The application form can be obtained by visiting the Office of Student Services or the College website at www.warren.edu.

After submitting the application form, the student may be required to take the English and/or mathematics College Placement Tests. The Placement Test is used to determine placement into the appropriate courses. The test is administered in the Instructional Support Center, Room 105, located across from the WCCC library.

Students are exempt from one or both portions of the test if:

- They have scored a 540 or higher on the Critical Reading and/or a 530 or higher in the math portion of the SAT. Verbal scores cannot be more than five years old. Math score must be no more than three years old.
- They have earned credit for English Composition and/or college-level mathematics at another college or university.

To obtain a possible exemption, students must submit an official college transcript, a copy of their college diploma, or their SAT score reports.

Based on the results, students may not be eligible to enroll in certain credit courses until they take developmental courses (ENG 041, ENG 042, MAT 050, MAT 051 and MAT 052).

Arrangements are available for students with special needs. Please provide documentation indicating any special accommodations that are required prior to placement testing. Documentation should be submitted to Shannon Horwath, Disability Services Coordinator, in Student Services, room 119 on the first floor. She can be reached by telephone at (908) 835-2307 or by email at SHorwath@warren.edu.

The test is administered on a walk-in basis throughout the year. For information, please consult the WCCC Course Schedule, the college website (www.warren.edu), or call the Instructional Support Center at (908) 835-2354.

Admission to the Nurse Education Program

Students interested in pursuing an Associate in Science Degree in Nursing must complete an additional application. Students are required to meet with the Nursing Intent Advisor in Student Services prior to application to the nursing program. The Nurse Education Program prepares students for the National Council of State Boards of Nursing Registered Nurse Licensure examination (NCLEX-RN).

Courses are offered at WCCC. Clinical sites are located within Warren County whenever possible; however, sites outside of the County will be used in order to obtain necessary experiences. Admission to the Nurse Education Program is highly competitive and students must fulfill special admission requirements.

The WCCC Nurse Education Program is accredited by the New Jersey Board of Nursing, 124 Halsey Street, P.O. 45010, Newark, NJ 07102, Ph: (973) 504-6430, www.NJConsumerAffairs.gov.

WCCC Nurse Education Program has been granted full accreditation by the Accreditation Commission of Education in Nursing, Inc. (ACEN) (formerly National League for Nursing Accreditation Commission - NLNAC) 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326 Phone: (404) 975-5000, Fax: (404) 975-5020, www.acenursing.org

Please contact the WCCC Office of Student Services at (908) 835-2300 for complete admissions information.

Admissions Advisement

Admissions advisement is available for anyone who is seeking general information about programs of study, admissions requirements, placement testing, enrollment procedures and available support services. New students must meet with an advisor to register for classes. Appointments are not necessary. Please call the Office of Student Services at (908) 835-2300 for information on hours of operation or general information.

Admission Services of Special Interest

Services to Persons with Disabilities

WCCC is committed to accommodating students' special needs, including those of a learning, psychological, or physical nature. Because of the special needs of student with disabilities, Shannon Horwath, the Disability Services Coordinator is assigned specifically to work with you to coordinate meeting your needs.

Students with disabilities must identify themselves, provide documentation of their disability, and request appropriate services. The documentation provided must be from a qualified professional and include suggested learning strategies as appropriate. We highly recommend that students first contact the Disability Services Coordinator prior to taking the placement test to discuss appropriate accommodations for the test. The Disability Services Coordinator, Shannon Horwath, is located in the office of Student Services in room 119 on the first floor and may be reached at (908) 835-2307. Documentation should be submitted four weeks prior to the beginning of the semester in order to ensure receiving accommodations from the start of the subsequent term.

Accommodations are approved and coordinated on a case-by-case basis. Continuing students who would like to receive accommodations in subsequent semesters must request them each semester; continuing students must submit a copy of their class schedule to the Student Services Office prior to the start of each semester.

All information provided to WCCC regarding the nature of the disability, and the need for academic accommodation is confidential. This information is maintained separate from academic records and is not shared with instructors or any other individual without the student's express written consent.

High School Students

Junior and senior high school students who are at least 16 years of age may be eligible to enroll part-time in WCCC courses. Written approval from a parent or guardian and written recommendation from the high school principal, guidance counselor or designee are required.

WCCC also offers special opportunities for high school students through the Senior Option and Dual Enrollment Programs. The programs enable all high school students to attend WCCC at a free or reduced tuition rate. Visit the high school guidance office or call the WCCC Office of Student Services at (908) 835-2300 for additional information.

Most Warren County public high schools participate in the Dual Enrollment Program, which allows students to obtain college credit for advanced high school courses. Each high school designates certain courses for Dual Enrollment.

ADMISSIONS

To find out which courses are approved for Dual Enrollment at a Warren County high school, see that school's guidance counselor office or contact the WCCC Office of Academics at (908) 835-2322.

Unemployed Persons

WCCC works in collaboration with the NJ Department of Labor – Employment Office to offer Warren County residents a variety of opportunities. Professional retraining as well as credit certificate and associate's degree programs are available through several federal and state employment training grant programs. Individuals should contact the local state employment office for eligibility information. Additional information about Continuing Education professional retraining is available at (908) 689-7613. Information about credit certificate and associate's degree programs is available at (908) 835-2300.

Student Classifications

Full-time Students

A full-time student is one who is enrolled in a minimum of twelve (12) credit hours of coursework per semester.

Part-time Students

A part-time student is one who is enrolled in fewer than twelve (12) credit hours of coursework per semester.

Matriculated Students

Matriculated students are enrolled in a program of study that enables them to earn a degree or certificate. A student must be matriculated in an associate degree program in order to receive financial aid. Matriculated students should submit a record of high school completion, and documentation of immunization (See Immunization Requirements, page 11) to the Office of Student Services. Students who have completed an equivalency diploma must present the original diploma to the Office of Student Services, where a copy will be made for his or her records.

Students are provisionally accepted for study at WCCC until all records have been received. Provisional status students may register for courses in the first semester, but must provide all requested records prior to registration for any subsequent semester. Matriculated students may, at any time, request that their program of study be changed.

Students are strongly encouraged to consult with an advisor in the Office of Student Services each semester, prior to course registration, to review academic progress and the curriculum requirements that remain for their specific program of study.

Non-Matriculated Students

Non-matriculated students are not enrolled in a program of study to earn a degree or certificate. If a student plans to complete a degree or certificate program, they must declare a major and matriculate. It is recommended that students consult with an advisor in the Office of Student Services to discuss their plans. Non-matriculated students are not eligible for financial aid. It is strongly recommended that students select a program of study upon registration.

Changing Your Major

Students may, at any time, request to declare or change a major by submitting a Request to Change/Add Major Form to the Office of Student Services. This form is available at the Office of Student Services or on the college website. It is strongly recommended that a student meet with an advisor prior to changing majors.

Transfer Students

Students who transfer to WCCC after completing credits at another accredited college or university are required to submit official academic transcripts from the institution(s) previously attended. The transcripts will be reviewed to determine placement in course work at WCCC and evaluated for transfer credit. Credits for courses in which the student has received a grade of "C" (2.0) or better at a regionally accredited college or university may be accepted for transfer.

Students are encouraged to submit transcripts from other institutions for transfer evaluation a minimum of three weeks prior to registration. Once the transcripts have been evaluated, the student will receive a written evaluation indicating transfer credits awarded. Please note that transcripts will only be evaluated when transcripts have been received from all institutions listed by the student on their application.

A maximum of forty-five (45) credits will be accepted for transfer toward a degree; a maximum of twenty-one (21) credits will be accepted for transfer toward a certificate or toward a joint

degree program. For more information regarding advanced standing policies, see Academic Standards and Policies.

Nurse Education Program

Transfer credit for the Nurse Education Program will only be given for grades of “C+” or higher in science courses applicable to the Nurse Education Program. Applicants with previous college experience are required to have a minimum of a 2.5 cumulative grade point average (GPA) in all courses. Science course grades are only acceptable for a period of 5 years from course completion. Students who are currently enrolled or plan to enroll in WCCC prior to application to the Nurse Education Program must have achieved a minimum cumulative GPA of 2.5 at WCCC. Due to the competitiveness of the Nurse Education Program, meeting the minimum requirements does not guarantee admission.

Re-admitting Students

Students who have previously applied for admission to WCCC and either did not attend or are returning after missing one or more semesters must re-apply but are not required to pay an application fee. Re-admitted students must comply with degree requirements and policies in effect at the time of their re-admission. For further assistance, meet with an advisor in the Office of Student Services.

International Student Admissions

Warren County Community College is authorized by the U.S. Bureau of Citizenship and Immigration Services to enroll international students with F-1 visas and to issue the I-20 form necessary to obtain that visa. Foreign citizens who are attending WCCC on F-1 visas must be matriculated full-time students (enrolled in at least 12 credits of study).

Contact with the College should be initiated by the student. Currently, foreign citizens wishing to obtain an F-1 visa and enroll at WCCC must complete the admission requirements and submit required documentation before the following dates:

- Before JUNE 15 for FALL admission
- Before NOVEMBER 15 for SPRING admission

Please contact the Office of Student Services at (908) 835-2300 for the international student admissions requirements.

Immunization Requirements

The State of New Jersey requires that all first-time, full-time degree-seeking students submit proof of immunization against measles, mumps, rubella, and Hepatitis B or provide the necessary evidence for exemption. Students may be exempt if one of the following conditions apply:

- Medical reasons – a physician’s statement must be submitted
- Religious reasons – a statement from an official of the religious organization must be submitted
- Born before 1957

If none of the above circumstances apply, the student must submit one of the following documents, specifying the type of immunization received and the date it was administered:

- Official school immunization record
- Record from any public health department
- Record signed by a physician who is licensed to practice medicine or osteopathy, or another licensed health professional who is approved by the New Jersey State Department of Health

The Nurse Education Program has specific immunization requirements. Information is provided at orientation.

For additional information regarding immunization requirements, contact the Office of Student Services at (908) 835-2300.

Chargeback Law

The New Jersey Chargeback Law enables students who wish to study a program that is not offered by their county college to attend the institution where the program is offered at the in-county tuition rate.* Individual courses are not eligible for chargeback consideration. The student’s home county will pay a subsidy to the college that the student attends. To determine eligibility for the program, contact the Office of Academic Affairs at (908) 835-2313.

*Certain restrictions and deadlines apply which may affect a student’s eligibility for a chargeback.



FINANCIAL AID

Financial Aid and Scholarships

WCCC participates in federal and state financial aid programs to help remove economic barriers that may prevent a student from attending college. While the primary responsibility for meeting the cost of education rests with students and parents, all students are invited to apply for assistance.

The Financial Aid staff is available for assistance through the application process. Students should file as early as possible so their financial aid status can be determined prior to the billing date for the semester. For assistance in completing the financial aid application, contact the Office of Financial Aid at (908) 835-2456.

There are four basic types of financial assistance:

- Grants – monies that do not have to be repaid
- Scholarships – funds that are provided on the basis of certain criteria (usually academic achievement) and do not have to be repaid
- Loans – funds that have to be repaid with interest
- Work Study – a program that gives students the opportunity to earn money to help pay for educational expenses

For further information regarding the types of assistance available, see Types of Aid Available at WCCC in this section.

Student Eligibility and Requirements

WCCC encourages all students to file for financial aid, even if they think they may not qualify. Students must re-apply for assistance annually.

To receive aid from the student aid programs, students must:

- complete the FAFSA form(s) and demonstrate financial need (go to <https://fafsa.ed.gov>)
- have a high school diploma or a General Equivalency Development Certificate (GED), or have completed a home schooled secondary school education
- be enrolled at WCCC and matriculated in an associate degree program
- be a U.S. citizen or an eligible non-citizen
- have a Social Security number

- make Satisfactory Academic Progress (To obtain a copy of the Satisfactory Academic Progress Policy, please contact the Financial Aid Office.)
- register with the Selective Service, if required, at www.sss.gov

Rights and Responsibilities

Students who accept financial aid have certain rights and responsibilities and must comply with any rules, regulations, and conditions that govern such awards. Failure to read the WCCC Student Handbook and any other publication pertaining to financial aid awards does not excuse the student from compliance.

Educational Opportunity Fund (EOF) Program

This scholarship program provides financial, academic, and personal support services for qualified students. Interested students or parents should contact the Office of Student Services at (908) 835-2300.

Types of Aid Available at WCCC

Grants and Scholarships

Federal PELL Grant – A grant program that is based on financial need as determined through the FAFSA information

Federal Supplemental Educational Opportunity Grant (FSEOG) – A grant program that is based on exceptional financial need. The College may establish priority deadlines for FSEOG awards.

New Jersey Tuition Aid Grant (TAG) – A New Jersey grant based on financial need and awarded to students who are enrolled full-time or part-time in an eligible program. The student and parent, if applicable must have been a New Jersey resident for 12 consecutive months prior to receiving TAG.

NJ STARS – A scholarship program that provides tuition for up to five semesters, to students attending their local community college who graduated in the top 15% of their high school class. WCCC contacts eligible students during their senior year regarding eligibility.

FINANCIAL AID

WCCC Trustee/Foundation Scholarships – The Warren County Community College Foundation is dedicated to raising funds for WCCC scholarships. The availability of scholarships depends on the funds available each year. To donate funds with the intention of developing a scholarship, please call the Office of Foundation and Advancement (908) 835-2325.

Work Study

Federal Work Study – A campus-based program that is based on financial need, allowing students to work on campus or in the community to meet their educational expenses.

Student Loans

Student loans should be a financing option “of last resort” since a student will be required to pay back the loan with interest. Please, talk to the Finance Office at (908) 835-2328 about payment plan options if you are unable to pay your bill by the payment due date.

Federal Direct Loan – This program was created to help students pay for their education while attending school at least half-time. The federal government offers both subsidized and unsubsidized Federal Direct Loans.

A Subsidized Federal Direct Loan is based on financial need. A loan is subsidized when the government pays the interest for the student during certain periods. There is a limit to the number of semesters that a student may receive a subsidized Direct Federal Loan. Please consult the Financial Aid Office for more information.

An Unsubsidized Federal Direct Loan is not based on financial need and is available to students regardless of income. This is a more costly loan, because the government does not subsidize it.

Parent Loans

Federal PLUS Loan – The Federal government offers the Federal PLUS Loan to parents to help them pay for their child’s education.

Award Notification and Acceptance

Students are considered for financial assistance once they have registered for classes and all financial aid documents have been submitted. Students may view their award status and other financial aid information on the College's EAGLE system on www.Warren.edu. Awarded Financial aid is credited to a student’s account each semester, with an exception of Federal Work-Study, which is paid bi-weekly to the student.

Some students may receive assistance in excess of their college costs (tuition, fees, and books). The portion that exceeds the college cost is normally disbursed to students after the tenth week of classes.

Satisfactory Academic Progress (SAP)

Federal Regulations require colleges to establish a Satisfactory Academic Progress (SAP) policy that defines the academic standards a student must meet in order to continue to receive financial aid funds in subsequent semesters. The SAP policy must include both qualitative and quantitative measures, taking into account both a student's GPA and the number of credits attempted in a degree program. Under federal rules, a student may not continue to receive financial aid if they have attempted more than 150% of the credits of their degree program (for example, if a student is in a 66 credit degree program, they may only receive financial aid for up to 99 credits). In addition, the student may not receive financial aid if they are unable to mathematically meet the College's graduation standards (i.e., achieve at least a 2.0 GPA) within the 150% timeline. In addition, the College is required to set additional benchmarks based on both GPA and credits earned and must monitor all students each semester to ensure that they are meeting these SAP benchmarks. Students may lose federal financial aid if they do not meet their benchmark for the semester. Please see the WCCC SAP Policy on the Financial Aid page of the website www.Warren.edu or contact the Financial Aid Office at (908) 835-2456 for a copy of the policy.

Financial Aid Refund and Repayment Policy

Students who withdraw from school or stop regular attendance will have their financial aid award prorated in accordance with federal and state regulations. Students are responsible for any balance due on their WCCC account due to the proration or cancellation of financial aid. Students should contact the Financial Aid Office prior to dropping or withdrawing from any classes to determine if this action could create a financial obligation to the College. For a copy of the Refund and Repayment Policy, contact the Financial Aid Office at (908) 835-2456.

Veterans' Benefits

The veterans' benefits coordinator assists students in applying for benefits, certifies enrollment, maintains student VA records, and is located in the Office of Student Services. Veterans attending the college must report any changes in program of study or course load to the veterans' benefits coordinator because changes may affect the student's educational benefits from the VA. Students should also be aware that only those courses that fulfill requirements for graduation can be certified. Education benefits may be suspended when veterans fail to maintain the minimum standards of attendance and academic progress required of all students. For more information, contact the Office of Student Services at (908) 835-2300.

Important Phone Numbers**Office of Student Services**

Financial Aid
(908) 835-2456

General Information

Federal Student Financial Assistance Program
(800) 4FEDAID

VA Certifying Official at WCCC
(908) 835-2306

TTY Number
(800) 730-8913
(for hearing-impaired individuals with federal student aid questions)

FAFSA on the Web
(800) 801-0576
www.fafsa.gov

N.J. Higher Education Student Assistance Agency
(800) 792-8670

Veterans Educational Benefits
(800) 827-1000

Frequently Requested Websites

U.S. Department of Education
www.studentaid.ed.gov

IRS Educational Tax Credits
www.irs.gov/individuals/students

Personal Identification Number (PIN)
www.pin.ed.gov

Selective Service
www.sss.gov

NJ Higher Education Student Assistance Authority
www.hesaa.org



REGISTRATION & TUITION

MyWarren

WCCC's MyWarren system permits students to register and check grades and schedules on-line. The system allows current students to select courses and register on the Web, and to check their grades and current GPA. The system is accessible 24 hours a day. Students can register for classes during open Web time frames (see the Academic Calendar under Current Students at www.warren.edu).

The Registration Schedule

Each year the College establishes a schedule for student registration. The schedule specifies registration dates for both new and current students. It also lists the dates when students may visit the Office of Student Services for personalized academic advising, as well as dates for adding or dropping courses. In addition, the schedule includes dates when tuition and fee payments are due.

Current Students

Current students who have declared a major and are enrolled in a program of study should refer to program requirements listed in this catalog and should meet with an advisor before registering on-line. Students in good standing financially and academically may register through MyWarren 24 hours a day during the Web registration period. For questions regarding registration, call the Office of Student Services at (908) 835-2300.

New and Re-admitted Students

Students who are enrolling for the first time or are returning to WCCC after at least one semester away should visit the Office of Student Services to establish their schedules and determine whether any testing or remediation is required. Please contact the Office of Student Services at (908) 835-2300 for additional information.

Adding/Dropping Courses

Students may register for courses at any time during the designated registration periods. Courses may be added through the first week of the semester, or equivalent time for shorter sessions. Courses may be dropped during the first two weeks of the semester (or equivalent) and are subject to refund as indicated in the College's Refund Policy (see page 19). Dropped courses do not appear on a student's transcript. In order to drop or add a course, students must complete the appropriate form in the Office of Student Services. Students are responsible for all course charges in cases where they do not complete the official course drop process.

Students receiving financial aid, including NJ Stars, should always consult with the Financial Aid staff in the Office of Student Services prior to adding, dropping, or withdrawing from classes because these actions may have an impact on their financial aid award.

Withdrawal from Courses

Students may withdraw from a course without academic penalty by completing the proper form, obtaining an advisor's signature, and submitting the form to the Office of Student Services before two-thirds of the semester has elapsed. Students who withdraw from class will receive a "W" grade.

Students who withdraw from a course after two-thirds of the semester, but before the beginning of final exams, must obtain the instructor's signature. During this period students receive a grade of "WP" (withdraw passing) or "WF" (withdraw failing) for the course. A grade of "WF" is calculated the same as an "F" grade in determining the student's grade point average. The withdrawal form must be submitted to the Office of Student Services prior to the established deadline date.

Failure to complete the official withdrawal process will result in a grade of "NF", "XF" or "F." A grade of "NF" or "XF" is calculated the same as an "F" grade in determining the student's grade point average.

For assistance, please call (908) 835-2300. See the current semester's Academic Calendar for exact dates.

REGISTRATION & TUITION

Auditing a Course

Students may register for courses on an audit basis, with the understanding that neither grades nor credits are assigned. Students who wish to audit a course must meet with an advisor; an audit cannot be accepted by the on-line system. Changes from credit to audit, or from audit to credit, may not be made after the add period has ended. Tuition and fees are charged for audited courses, and prerequisites must be satisfied prior to registering to audit a class.

A nursing course may not be audited unless the student has been accepted into the Nurse Education Program. Students who are granted permission to audit a nursing course may only audit the theory portion and/or the Nursing College laboratory, pending written permission of the Director of Nursing.

The College reserves the right to limit course audits for certain courses due to enrollment demand or other circumstances.

Transcripts

A transcript is a detailed record of your academic history at WCCC issued by the Registrar. All coursework attempted at WCCC will be listed for each semester, including grades and academic status for these terms. Transferred coursework will be listed without a grade on the transcript and is not counted in WCCC grade calculations. Official transcripts are mailed or electronically submitted directly to institutions, organizations and individuals as requested, bear the College's Seal and the Registrar's signature, and sealed in a College envelope. Students may also print an unofficial transcript through MyWarren.

There is no fee for transcripts. If there is a hold on a student's records, the transcript will not be released until financial obligations to the College have been met. Transcript Request Forms are available in the Office of Student Services or on the college website in the Forms section. Forms can be dropped off, mailed, or faxed to (908) 689-5824. Please contact the Office of Student Services at (908) 835-2300 with further questions.

Tuition and Fees

Tuition and fees are due at the time of registration, except during designated pre-registration periods. Students registering during pre-registration periods are required to fulfill all payment obligations by the designated due date as set by College administration. The College reserves the right to change its tuition charges and fees, or to establish additional charges, within the limits of State law, in order to maintain its programs and services (all changes subject to approval by the Board of Trustees).

2015–2016 Tuition

- Warren County residents\$127.00 per credit
- Out-of-County\$137.00 per credit
- Out-of-State\$157.00 per credit
- Resident on visa\$157.00 per credit
- International.....\$207.00 per credit
- Senior Citizens

Tuition will not be charged to non-matriculating Warren County residents age 60 or over, provided that available classroom space permits and that tuition-paying students constitute the minimum number required for the course. Senior citizens are required to pay all College fees.

2015–2016 Fees

- General fee: \$13.00 per credit
- Technology fee: \$7.00 per credit
- Laboratory fees range from \$30.00 to \$50.00, as applicable
- Nurse Education Lab fee: \$1,800.00 per semester
- Nurse Education Pre-Admission Test fee: \$45
- Medical Assisting Lab fee: \$100.00 per semester
- Automotive Course fee: \$100.00 per course
- Photo ID replacement fee: \$3.00
- Food and Beverage course fee: \$75.00
- Application fee: \$25.00 (non-refundable)
- Application fee for student applying for a visa: \$175.00 (non-refundable)
- Student Insurance fee: \$45.00/semester or \$60.00/year
- Reinstatement fee: \$50.00 per semester

- Returned Check fee: \$25.00 (bank charges also may apply)
- FACTS Payment Plan fee, if applicable: \$25.00
- Proctor Testing fee: \$20.00
- Credit by Exam fee: \$40.00

Grades and transcripts will not be released until all outstanding payments due to the College have been satisfied. In addition, students shall not be permitted to register for subsequent semesters until satisfactory payment arrangements have been made with the Finance Office.

Nursing Student Insurance Requirement

Students accepted into the Nurse Education Program will be required to purchase malpractice insurance. Information is provided at the Nursing Program Orientation.

International Students

International Students in the United States under a valid visa may enroll in classes at Warren County Community College. Students who are issued an F-1 Visa through the College must comply with all INS reporting and registration requirements in order to retain their F-1 Visa. They must also comply with special enrollment deadlines established by the College.

Payment Policy

Tuition and fees are payable upon the payment due date by cash, check, money order, or credit card. Checks and money orders can be made out to WCCC. Credit cards from VISA, Mastercard, Discover, American Express, and debit card payments are also accepted.

Course enrollment is not complete until tuition and fees are paid or financial arrangements have been made (e.g., financial aid). Failure to make payment by the date indicated may result in a student's removal from all scheduled classes. Financial aid recipients are responsible for all classes that they register for and are responsible for dropping unwanted classes prior to the start of the semester to avoid any charge on their account.

A payment plan is available for fall, spring and summer semesters. Details can be obtained from the Finance Office at (908) 835-2328.

Checks returned for insufficient funds that are not resolved within ten working days of receipt will cause the student to be removed from scheduled classes.

Refund Policy

Students who find it necessary to drop a course may be entitled to a refund of tuition and fees for fall and spring semesters as follows:

- A 100% refund is granted to any student who completes the drop process before the semester begins
- An 80% refund is granted for a drop completed before the end of the first week of the semester or equivalent for shorter terms
- A 50% refund is granted for a drop completed before the end of the second week of the semester or equivalent for shorter terms
- No refund will be granted after the drop period has ended

Please refer to the Academic Calendar for actual dates for each semester and for summer term dates.

In order to drop or withdraw from a course, students must complete the required forms and submit them during normal business hours to the Office of Student Services. All students receiving financial aid must meet with a Financial Aid representative concerning all adds, drops, and withdrawals. For financial aid assistance, call (908) 835-2456.

Failure to officially withdraw will result in the grade of "NF," "XF," or "F" on the student's record. The "NF," and "XF" grade are calculated the same as an "F" grade in determining the student's grade point average. A student who is removed from the College for disciplinary reasons will receive no refund of tuition or fees.

Students may file an appeal to the Special Consideration Committee requesting a refund beyond these dates due to extraordinary circumstances. This may include the dropping or withdrawal from courses as a result of prolonged and extreme medical circumstances. In this case, the student must provide signed medical documentation from a licensed physician indicating that they must withdraw from all classes.

REGISTRATION & TUITION

The Committee consisting of representatives from Finance, Student Services, Financial Aid and Academic Affairs offices shall review this appeal and make a recommendation to the President on this matter. The decision of the President shall be final.

Residency

In-County Resident – resident who maintains a permanent domicile in Warren County for at least 90 days prior to initial registration. Students are also eligible to receive in-county tuition rate if they fall into one or more of the following categories:

- Out-of-county residents receiving chargeback support from their home county
- Persons employed in Warren County

In-State Resident – a student who has lived in New Jersey for at least one year prior to registration. New Jersey residency is required for state financial aid.

Out-of-County Resident – an in-state resident who maintains a permanent domicile in a county other than Warren.

Out-of-State Resident – a student who maintains a permanent domicile in a state other than New Jersey or who has been a New Jersey resident for less than one year prior to registration.

Permanent Residency visas – students who are not U.S. Citizens but have Permanent Residency Visas (Green Cards) will be assessed tuition in accordance with their current address.

Resident on a visa – international students in the United States under a valid visa may enroll in classes at Warren County Community College. These students will be assessed tuition equivalent to the Out-of-State tuition rate.

Non-Resident on a Visa – students who are issued an F-1 visa through Warren County Community College will pay international student tuition and a special application fee. These students must comply with all INS reporting and registration requirements in order to retain their F-1 Visa. These students also must comply with special enrollment deadlines established by the College in order to obtain their F-1 Visas.

These categories apply for the determination of WCCC tuition charges. Individuals not meeting any of the above categories shall be charged tuition in accordance with applicable state and/or federal statutes. Residence requirements for purposes of awarding student financial assistance shall be determined in accordance with federal and state regulations.

Domicile

Domicile is defined as that place where a person has his or her true, fixed, permanent home and principal living establishment, and to which, whenever he or she is absent, he or she has the intention of returning. The domicile of a dependent student is assumed to be that of his or her parents or legal guardian(s) unless the student can demonstrate otherwise through utility bills, a driver's license, or other documentation. Residence established solely for the purpose of attending WCCC does not fulfill the definition of domicile. Supportive documentation may be required. Questions should be directed to the Office of Student Services at (908) 835-2300.



ACADEMIC STANDARDS & POLICIES

ACADEMIC STANDARDS & POLICIES

Instructional Support Center

The Instructional Support Center (ISC), located in Room 105 across from the WCCC library, provides academic support services for all credit and non-credit students.

The Instructional Support Center provides free tutoring services to all Warren County Community College students. The ISC is staffed with trained professional and peer tutors experienced with assisting WCCC students. Tutors are available days, evenings and Saturdays, by appointment or walk-in basis. The ICS specializes in mathematics, including statistics, and English, which includes assistance with research papers, essays for any subject, and study skills. Tutoring in all other subjects is available upon request. On-line tutoring may be available during times when the ISC is not open. For more information about the services available, visit the center in person or call (908) 835-2354, or write to iscmail@warren.edu.

Advanced Standing

Transfer of Credit

Degree students who are transferring to WCCC after having completed credits at another college or university are required to submit official transcripts. For more information regarding transfer of credit, see Admissions: Transfer Students.

Credit-by-Examination

A maximum of 30 credits may be earned through credit-by-examination. A student earning credit-by-examination will be awarded a grade of "P". The grade carries no weight in calculation for the GPA, but the credits do count toward degree requirements. Credits by examination are not intended to transfer. In the case of failure of the examination, no grade will be recorded.

A student wishing to seek credit-by-examination must complete the appropriate paperwork in Academic Affairs. A fee may be assessed for each exam administered.

Studies Completed Outside the USA

Students who have earned college credit outside the United States can transfer those credits to Warren County Community College. All foreign educational credentials must be evaluated by World Educational Services. Call the Office of Student Services at (908) 835-2300 for contact information.

College Degree Policy

In order to qualify to earn a degree from WCCC, the last 15 semester hours of credit must be completed at WCCC unless otherwise approved by VP of Academic Affairs.

WCCC Dual Degrees

Warren County Community College can grant dual or second degrees to students who have completed all course requirements as outlined in the College Catalog for the second degree.

Transfer to Other Institutions

Transfer Planning

A student who plans to transfer to a four-year college or university should consult a catalog or website of the institution to which transfer is planned to determine transfer admission requirements and process for transferring credits. The minimum required transfer grade is normally a "C." Some schools, however, require a higher cumulative quality point average of transfer students. It is the student's responsibility to be fully knowledgeable about such requirements.

Students who are interested in transferring are encouraged to visit the New Jersey Transfer site at www.njtransfer.org to determine how community college credits will transfer to New Jersey's four-year colleges and universities. The site is updated continually and students should check it regularly. (Students may also visit the New Jersey Commission on Higher Education site at www.nj.gov/highereducation/colleges/index.html for links to websites of New Jersey colleges and universities.)

Warren County Community College has formal transfer agreements with colleges and universities, both within New Jersey and out-of-state. Advisors are available in the Office of Student Services to assist students as needed.

ACADEMIC STANDARDS & POLICIES

In accordance with state law, beginning Fall 2008, students who complete an A.S. or A.A. degree at a New Jersey community college and transfer to a four-year public college in New Jersey will receive credit for the first two years of a bachelor degree program at the following institutions: Kean University, Montclair State University, New Jersey City University, New Jersey Institute of Technology, Ramapo College of New Jersey, Richard Stockton College, Rowan University, Rutgers University, The College of New Jersey, Thomas Edison State College, and William Paterson University.

If you have questions or concerns about transferring from WCCC, contact Student Services at 908-835-2300.

Grading Scale and Policies

The following table indicates the official grade scale:

Grade	Evaluation	Quality Points
A	Superior	4.0
B+	Very Good	3.5
B	Good	3.0
C+	Above Average	2.5
C	Average	2.0
D	Below Average	1.0
F	Failing	0.0
W	Withdrawn	*
WP	Withdrawn Passing	*
WF	Withdrawn Failing	0.0
WM	Withdrawn Medical	*
WA	Withdrawn Active Military	*
XF	Failure to Officially Withdraw/Stopped Attending	0.0
NF	Failure to Officially Withdraw/Never Attended	0.0
I	Incomplete	*
AU	Course Audited	*
P	Passing	*

* does not carry quality points

Questions regarding WCCC's grading scale or policies should be directed to the Office of Academic Affairs at (908) 835-2310.

Calculating the Quality Point Average

Sometimes called the grade point average (GPA), the quality point average (QPA) indicates the weighted average of grades attempted in credit-bearing course work. Courses taken as audit, developmental, or non-credit courses do not count for QPA calculations.

A student's QPA is calculated by multiplying the quality point value for each grade earned (see table above under Grading Scale and Policies) by that course's number of credit hours. The total number of quality points earned for all credits (not including remedial courses or grades of Audit, Incomplete, or Withdrawal) divided by the number of quality hours attempted for these courses, yields the cumulative quality point average.

Sum of All Quality Points Earned/Number of Credits Attempted = Quality Point Average

Where:

Quality points are the "points" a grade is worth (A = 4.0, B+ = 3.5, B = 3.0, etc.) multiplied by the number of credits the class is worth.

Quality hours are credits for coursework that do not receive grades of Audit, Incomplete or Withdrawal.

Credits transferred into WCCC are recorded with a TR grade. Transfer grades are not included in the student's QPA calculation. In addition, courses taken at other institutions from 1995-2004 through "sponsorship" arrangements receive an "SP" grade. These grades are treated the same as transfer credits and also are not included in the QPA calculation.

If you have further questions about the QPA calculator, contact the Office of Academic Affairs.

ACADEMIC STANDARDS & POLICIES

Repeat Grade Policy

Any credit-bearing course taken at WCCC from the Fall 1990 semester onward, in which a student received a grade of “F,” “D,” “WF,” “NF” or “XF” may be repeated by enrolling in the same course during a future semester.

Effective January 2015, when a student repeats a course, the highest grade counts in the student’s QPA. The original grade will continue to appear on the transcript marked as a repeated grade, but will not be included in QPA computations.

If a course is taken three or more times, all grades after the first grade will count toward the quality point average. Only the first grade in a series of identical courses will be ignored during cumulative quality point average calculations. Contact the Office of Student Services at (908) 835-2300 with questions.

Standards For Withdrawal Grades (W, WP, WF)

A grade of “W” indicates official withdrawal from a course. A grade of “W” carries no quality hours and will not be computed in quality point averages.

A grade of “W” is assigned after the drop period has ended, during the first two-thirds of the semester. Students who withdraw after the first two-thirds of a semester are assigned a grade of “WP” or “WF.” A grade of “WP” carries no quality hours and will not be computed in quality point averages. A grade of “WF” carries zero quality points, but will be computed in quality point average. Thus, “WF” counts as an “F.”

Failure to complete the official withdrawal process will result in a grade of “NF,” “XF” or “F.” A grade of “NF” or “XF” is calculated the same as an “F” grade in determining the student’s grade point average.

Medical Withdrawal (WM)

Students experiencing health or emergency medical problems preventing them from continuing with coursework need to submit a completed withdrawal form to the Office of Student Services. Students seeking medical withdrawals after the official withdrawal period or any tuition credit must complete a Special Considerations Form, also available in the Office of Student Services.

All requests for medical withdrawals and tuition credit will be approved or denied based on the circumstances involved and the supporting documentation from the attending physician. Medical withdrawals must be submitted prior to the end of the semester in which the student wishes to withdraw from WCCC. Approved medical withdrawals will be recorded on the transcript as “WM”.

Active Military Withdrawal (WA)

Students who are called for service with the U.S. armed forces during a semester may request a Withdrawn Active Military grade for the semester in which they begin service. Students seeking to be Withdrawn Active Military should submit a copy of official U.S. military orders along with a Special Considerations Form, available in the Office of Student Services. Whenever possible, students may be granted an extension to complete coursework. Requests to be Withdrawn Active Military should be submitted prior to the end of the semester in which the student has been ordered to report for service whenever possible. Students approved for a status of Withdrawn Active Military will have a “WA” grade posted for courses in that semester on the WCCC transcript.

Standards For Incomplete Grades (I)

A grade of “I” is defined as an inability to complete the requirements of a course due to circumstances beyond the student’s control. Students must complete a Student Request for a Grade of Incomplete and Thirty-Day Course Extension form available in the Office of Academic Affairs, which must then be signed by the instructor. They must then arrange with the instructor to make up all incomplete work within four weeks after the end of the semester or session.

A grade of “I” (incomplete) that has not been converted by the end of the allotted period automatically becomes an “F.” The responsibility for eliminating an “I” grade lies entirely with the student. Requests to change an “I” grade must be submitted, in writing, by the instructor to the Office of Academic Affairs.

See the Nurse Education Program Student Handbook for specific Standards for Incomplete Grades policy/procedure for the Nurse Education curriculum.

Standards For Audit Grades (AU)

A student who wishes to attend a class but does not wish to receive credit must complete all admissions requirements and prerequisites prior to enrollment. The student must state the intention to audit a course at the time of registration. The tuition and fees for auditing a course are the same as taking the course for credit. The grade “AU” is recorded for satisfactory completion of the audited course. The college reserves the right to deny a student’s ability to audit any class in a selective admission program or class (examples, Nursing, Medical Assisting, Automotive Technology, English workshops).

Academic Standing

To remain in good standing, students must maintain a minimum quality point average of 2.0 for all work attempted. The minimum quality point average for the Nurse Education Program is 2.5. Any student whose cumulative quality point average (CQPA) is below 2.0 may be placed on Academic Warning.

Academic Suspension may result from the student’s failure to achieve minimum academic progress. The College reserves the right to limit online registration privileges and deny permission to register for the subsequent semester. Students placed on Academic Dismissal may be denied permission to register on a permanent basis. Decisions to grant permission to register will be made by the Chief Academic Officer.

The following two programs have been designed to assist students in achieving academic success so that academic suspension can be avoided.

ACADEMIC RECOVERY: All students who receive a “D”, “F”, “NF”, or “XF” midterm grade are encouraged to participate in the Academic Recovery Program. This program provides one-on-one assistance to help students succeed in the course(s). Through meetings with an advisor, students complete a self-analysis of their academic performance to help improve their final course grade(s).

ACADEMIC WARNING: Students with a cumulative grade point average below 2.0 at the end of each semester will be placed on Academic Warning. Letters are sent directing them to meet with an academic advisor prior to registering for the next semester and to participate in the “Project Success” program to improve their grades.

In addition, students who are not meeting financial aid Satisfactory Academic Standards also must meet with an advisor and develop an academic plan.

For more information, please contact Student Services at (908) 835-2300.

ACADEMIC STANDARDS & POLICIES

Academic Integrity

Warren County Community College expects students to be responsible for the content and integrity of all academic work assigned by the faculty. A violation of academic integrity occurs when students:

- knowingly represent the work of others as their own
- use or obtain unauthorized assistance in any academic work
- give fraudulent assistance to another student
- furnish false information or other misuse of College documents

In cases where violation of academic integrity is suspected, the incident must be reported to the Office of Academic Affairs. An investigation will be conducted as appropriate. Any student who is found guilty of violating the rule of academic integrity by the Chief Academic Officer (or designee) shall be considered to have failed their personal obligation to the College.

Academic Forgiveness Policy

Students who have done poorly during their initial academic experience at the College may apply for Academic Forgiveness after a period of at least two full years. Academic Forgiveness will be granted only once and only under the following conditions:

Condition 1: The student has taken the College Placement Test

Condition 2: The student has been re-admitted to WCCC

Condition 3: The student has earned at least twelve credit hours with a 2.0 average or higher after readmission to WCCC

The student's former record will remain on the transcript. However, any courses which are academically forgiven will no longer be calculated in the QPA. The student will retain the credits for any courses in which a grade of "C" or better was earned. Note that courses where Academic Forgiveness has been granted still count in the calculation of credits attempted for purposes of calculating a student's Satisfactory Academic Progress (SAP) for financial aid eligibility.

Students interested in Academic Forgiveness should contact the Office of Academic Affairs at (908) 835-2310.

Attendance

The College expects students to attend and participate in all classes. This involves sharing in class discussions and lectures, as well as interacting with other students.

Grades are based on the quality of work students complete in meeting the requirements for a particular course, as stated in the course syllabus and catalog description. Attendance, among other factors, may be an additional criterion for assigning grades. Students should realize that they are responsible for all class meetings and that work missed because of absences may affect their grades. Attendance in on-line classes is determined by the completion of assignments/tests. Students who have not completed any assignments or tests will be considered as non-attending and receive an NF grade in on-line classes.

Closing During Inclement Weather

When weather conditions are severe enough to cancel classes, check the web at www.warren.edu, for most up-to-date information. In addition, a recorded phone message will be placed at (908) 835-9222, and on several local radio stations.

WCCC also uses an emergency notification system to announce closings or delays via text messages and email. To sign up please visit www.getrave.com/login/warren.

Assignment of Grades

The syllabus distributed at the beginning of each course will contain detailed course information, including the method of assessment for each course (such as exams, presentations and/or written assignments). Each faculty member will submit mid-term and a final grades based on the grading model specified in the syllabus. Mid-term grades are used to identify students who may need additional advising or supplemental tutoring assistance. Only final grades are reported on a transcript.

Normal Academic Load

A normal schedule for a full-time student consists of 12-18 semester hours. Schedules of 19 hours or more require approval by an advisor in Student Services.

Nurse Education Program

Students admitted to the Nurse Education Program will be given a Nurse Education Student handbook which contains additional policies pertinent to that program. Students in the nursing program must abide by the policies in the Nurse Education Student handbook.

Academic Honors

Students who achieve excellence in their academic work will be awarded academic honors. A student who achieves a semester quality point average of 3.5 or above will be placed on the Academic Dean's List, and a student with a semester GPA of 3.75 or above will be designated a Collegiate Scholar.

In order to be eligible for either the Academic Dean's List or the Collegiate Scholar List in a given semester, students must carry a minimum of 12 quality hours and have previously fulfilled the basic skills requirements.

Phi Theta Kappa

The Alpha Upsilon Rho Chapter of Phi Theta Kappa is located at WCCC. Phi Theta Kappa is an international academic honor society for two-year colleges. Enrolled students are invited if they meet the minimum member requirements:

- Earned at least 12 credits at WCCC, not including remedial or transfer credits
- Earned a minimum grade point average of 3.5 at WCCC
- Matriculated in a degree program

For more information, contact a chapter advisor in the Office of Student Services at (908) 835-2300.

In addition, students may earn membership in various program specific honor societies.

Graduation Requirements

To graduate from WCCC with an Associate's degree, students must earn 60 credits or more, as specifically listed in this catalog under their chosen program. To earn a credit Certificate, students must earn 30 credits or more, as specifically listed in the WCCC catalog under their chosen Certificate program.

All developmental requirements, as determined by the College placement test, must be completed.

Developmental courses include ENG 041, ENG 042, ESL 035, MAT 050, and MAT 051. MAT 052 is required as a prerequisite for college level Algebra and Statistics.

Although students receive advisement from College advisors, students are ultimately responsible for meeting all course requirements for their chosen program, as specified in this catalog. Any request to substitute courses for those listed under the chosen program must be made by the student, in writing, to the Office of Student Services in advance of taking the requested substitute course. Courses that are not approved in advance by the Registrar may not count toward graduation.

To qualify for graduation, students in all programs must complete the required general education courses and their major program courses as listed in the WCCC catalog, with an overall grade point average of 2.0 or higher.

At least the last 15 credits earned toward degrees and certificates must be earned at WCCC, unless this requirement is waived by the VP of academics. For additional information on transfer credits from other colleges, as well as other types of credit that may count toward graduation at WCCC, see the Advanced Standing section of this catalog.

Students must complete an Application for Graduation by the date listed on the Academic Calendar each year. All financial and other obligations to the College must be satisfied before the diploma is issued.

Graduation Honors

Honors graduates will be awarded their degrees Summa Cum Laude (with the greatest praise) if their cumulative average is 3.9 or higher; Magna Cum Laude (with great praise) if their cumulative average is 3.7 to 3.89; or Cum Laude (with praise) if their cumulative average is 3.5 to 3.69. These honors will be noted on the official transcript record.

How to Apply for Graduation

Application for Graduation forms can be obtained in the Office of Student Services or the college website. The forms must be submitted to the Office of Student Services by the date indicated in the Academic Calendar.



PROGRAMS OF STUDY

The Programs

Students will find a wide variety of degree and Certificate programs at Warren County Community College. The program outlines describe the courses and the number of credits that must be taken for completion.

WCCC offers several transfer programs in liberal arts and sciences, which are affordable alternatives for the first two years of a Bachelor's degree program. With careful planning, credits earned at WCCC can be transferred to a four-year college or university.

Some programs are designed to prepare students for work immediately upon graduation. Other programs can help to prepare students who are already employed and are seeking a promotion or wish to begin a new career.

Students who are changing careers, starting a new job, or would like to develop skills and knowledge in a particular career field are encouraged to explore the Applied Science or Certificate programs. For help in deciding which program of study is best, see an advisor in the Office of Student Services.

The College recognizes that students may have many commitments that interrupt their education. The program outlines help to keep students on-track, regardless of how long they may need to complete their course of study. Advisors are available to help students bridge the gaps upon their return to WCCC.

Curriculum Requirements

Students graduating from Warren County Community College with an Associate degree must meet a common set of curriculum requirements. These requirements are designed to give students a personal framework of knowledge and insight that will be the foundation for an education at WCCC and for learning throughout life, including transfer to a four-year college or university.

Studies include a broad distribution of courses drawn from such fields as language and literature, humanities, social sciences, healthcare, mathematics, and the sciences. These studies are designed to emphasize the acquisition of knowledge, comprehension and evaluation of ideas, the ability to think constructively and creatively, and the capacity to communicate effectively. Areas of study include the following major categories:

Communications – courses designed to enhance proficiency in the English language

Mathematics and Sciences – courses designed to enhance mathematical and scientific conceptual understanding and application

Social Sciences – courses designed to promote social awareness, including understanding of social, economic, and political problems, and the responsibilities of citizenship in the independent world

Humanities – courses in literary, philosophical, foreign language, aesthetic, historical, and other humanistic studies that further the understanding and transmission of one's own and other cultures

General Education Core

The general education curriculum serves as the cornerstone of all degrees and certificates earned at the college. General education addresses the five cognitive and three affective domains that comprise the Core Competencies embedded in a WCCC education in addition to providing general education knowledge and essential skills. Its purpose is to ensure that students are competent in basic communication, quantitative reasoning, critical thinking, information literacy and computer literacy. In addition, they should demonstrate appreciation for diversity, leadership skills, and responsible citizenry.

Academic program requirements vary depending upon the degree and course of study. These requirements meet the standards prescribed by the state of New Jersey for the attainment of the Associate degree. These requirements are consistent with requirements for program accreditation and are generally transferable for additional studies toward a Bachelor degree. Students are encouraged to identify colleges to which they intend to transfer in order to carefully plan their Associate degree studies.

PROGRAMS OF STUDY

GENERAL EDUCATION WORKSHEET			
Warren County Community College			
Course & Goal Category		Explanatory Notes	Lists of Courses
1	Written and Oral Communication 6-9 cr.	Courses which prepare students to communicate effectively in speech and writing, and demonstrate proficiency in reading.	COM 105 Interpersonal Communication, COM 143 Speech , ENG 140 English Composition I, ENG 141 English Composition II
2	Mathematics 3 cr. min.	Any college level foundations, statistics, or algebra course which builds upon a demonstrated proficiency in basic algebra that uses mathematical and/or statistical concepts and operations to interpret data accurately and solve problems.	MAT 110 Topics in Mathematics, MAT 111 Math for Business and Economics, MAT 131 College Algebra, MAT 151 Statistics
3	Natural Science 3-8 cr.	Any course in the biological or physical sciences.	BIO 145 Principles of Biology, 150 Contemp Issues in Human Biology, BIO 162 General Biology I, BIO 163 General Biology II, BIO 165 Environmental Studies, BIO 170 General Ecology, CHE 110 Introduction to Chemistry, CHE 164 General Chemistry I
4	Technology 3 cr.	A course that emphasizes common computer/technology skills to access, analyze, or present information, solve problems, and communicate.	CSC 103 Introduction to Computers, CSC 112 Microcomputer Software Apps, CSC 117 Instructional Technology
5	Social Science 1-7 cr.	Any introductory course from among criminal justice studies, economics, political science, psychology, or sociology.	ANT 289 Anthropology, ECO 188 Macroeconomics, ECO 189 Microeconomics, POL 101 Intro to American Government, POL 110 Introduction to Law, POL 115 State and Local Government, POL 201 International Relations*, PSY 101 Introduction to Psychology, FYE 101 Foundations of Success, SOC 110 Sociology of Education*, SOC 120 Racial and Ethnic Relations*, SOC 211 World Music Cultures*
6	Historical Perspective 0-6 cr.	Any broad-based course or sequence of courses in Western, non-Western, American History, or World Civilization.	HIS 101 Western Civilization I, HIS 102 Western Civilization II, HIS 113 American History I, HIS 114 American History II
7	Humanities 3-10 cr.	Any broad-based course[s] in the history of or appreciation of art, music, or theater; literature; a foreign language; philosophy and/or religious studies; and/or additional broad-based history course in Western, non-Western, America, or World [Civilization] History.	ART 101 Introduction to Art Appreciation , ART 105 Art History I*, ART 106 Art History II*, ENG 199 Literature on Film, ENG 240 American Literature I, ENG 241 American Literature II, ENG 201 British Literature I, ENG 202 British Literature II, FOR 101 Beginning Spanish I, FOR 151 Beginning Spanish II, FOR 103 Beginning French I, FOR 133 Beginning French II, HIS 220 History and Culture of Eastern Civilization*, HIS 225 History of Women in America*, HIS 250 Twentieth Century Global History*, HIS 260 History of American Immigration* , MUS 191 Introduction to Music, MUS 211 World Music Cultures*, PHI 101 Introduction to Philosophy, PHI 102 Ethics and Moral Problems*, PHI 103 Logic and Argument, PHI 204 Comparative Religion*, PHI 251 Perspectives on Death and Dying*, PHI 261 Myth and Culture*, THE 193 Introduction to Theatre
8	Diversity and Global Perspective 3 cr.	Any course whose primary purpose is to expose students to a multicultural society, people or views. If these global competencies are integrated into one or more general education courses, the three credits may be moved from this category to another general education category.	ART 105 Art History I*, ART 106 Art History II*, COM 205 Inter-cultural Communication, HIS 220 History and Culture of Eastern Civilization*, HIS 225 History of Women in America*, HIS 250 Twentieth Century Global History*, HIS 260 History of American Immigration*, MUS 211 World Music Cultures*, PHI 204 Comparative Religion* , PHI 251 Perspectives on Death and Dying*, PHI 261 Myth and Culture*, POL 201 International Relations*, SOC 110 Sociology of Education*, SOC 120 Racial and Ethnic Relations*, SOC 211 World Music Cultures*
9	Ethical Perspective	Any course which assesses, recognizes and analyzes ethical issues and situations. This ethical dimension competency is infused in many of the goals above.	This goal is infused within the goals above, especially Goals 8, 7, 5 and 1.

* Indicates a designated Diversity course

Please see the following list of categories of elective courses.

Free Electives

Any course may be chosen as a free elective, except those required as part of the degree program and developmental courses.

Liberal Arts Electives

Liberal Arts electives include the following subject areas:

- Humanities
- Mathematics
- Science
- Social Science

Humanities

Courses qualifying as humanities electives fall under the following subject areas:

- Fine Arts: Art, Music, Theatre
- Foreign Languages
- History
- Literature*
- Philosophy
- Religion

* Please note that the following English courses satisfy the literature/humanities requirements:

- ENG 199 Literature on Film
- ENG 201 British Literature
- ENG 202 British Literature II
- ENG 205 Shakespeare
- ENG 240 American Literature I
- ENG 241 American Literature II
- ENG 242 Women's Literature
- ENG 242 Women's Literature
- ENG 244 Modern American Poets
- ENG 245 Art of Drama

Mathematics

Any course with a MAT prefix, excluding developmental courses

Science

Courses qualifying as science electives fall under the following subject areas:

- Biology
- Environmental Studies
- Chemistry

Social Science

Courses qualifying as social science electives fall under the following subject areas:

- Anthropology
- Criminal Justice
- Economics
- Geography
- Political Science
- Psychology
- Sociology

Business Electives

Courses qualifying as business electives fall under the following subject areas:

- Accounting
- Business
- Computer Science
- Economics
- Graphic Design
- Legal Studies

PROGRAMS OF STUDY

ACCOUNTING MANAGEMENT

Associate in Applied Science in Business Management/ Accounting Management Option

The Associate in Applied Science, Accounting Management Option is a two-year program designed to prepare students for jobs that require both management and accounting skills. The program is composed of general education courses, management courses, and a strong core of accounting coursework. The program has been designed for skill development and therefore does not transfer as easily into a baccalaureate accounting program. Students planning to pursue a Bachelor's degree in accounting should enroll in the A.A. Liberal Arts, Business Administration option.

Curriculum Requirements		Credits: 26
ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3
	Humanities Elective	3
	Social Science Electives	6
FYE 101	Foundations of Success	1
	Mathematics Elective	3
	Laboratory Science Elective	4

Career Courses		Credits: 39
ACC 101	Principles of Accounting I	3
ACC 102	Principles of Accounting II	3
ACC 201	Intermediate Accounting I	3
ACC 202	Intermediate Accounting II	3
ACC 251	Managerial Accounting	3
BUS 120	Business Organization & Management	3
BUS 122	Business Law I	3
BUS 124	Principles of Management	3
BUS 224	Personnel Management	3
	Business Electives	6
CSC 103	Introduction to Computing	3
ECO 188	Macroeconomics	3

Recommended F/T Course Sequence

First Semester		Credits: 16
ENG 140	English Composition I	3
COM 143	Speech	3
ACC 101	Principles of Accounting I	3
BUS 120	Business Organization & Management	3
CSC 103	Introduction to Computing	3
FYE 101	Foundations of Success	1

Second Semester		Credits:15
ENG 141	English Composition II	3
BUS 122	Business Law I	3
	Mathematics Elective	3
BUS 124	Principles of Management	3
ACC 102	Principles of Accounting II	3

Third Semester		Credits: 16
	Social Science Elective	3
	Laboratory Science Elective	4
ACC 251	Managerial Accounting	3
ECO 188	Macroeconomics	3
ACC 201	Intermediate Accounting I	3

Fourth Semester		Credits: 18
	Social Science Elective	3
	Humanities Elective	3
BUS 224	Personnel Management	3
ACC 202	Intermediate Accounting II	3
	Business Electives	6

Total Credits for Degree		65
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AUTOMOTIVE TECHNOLOGY

Associate in Applied Science

The Associate in Applied Science (A.A.S) Degree program in Automotive Technology is a two-year program designed to prepare students for careers in the automotive repair industry. The program is composed of general education and career courses. It is designed to provide students with the technical, analytical, and communications skills to acquire entry level positions in the field of automotive technology.

Some career fields this degree can help prepare you for: Automotive Technician at a new car dealership, or privately owned automotive repair shop; Automotive Industry parts consultant at a new car dealership, or aftermarket sales company; Automotive Service Writer in a new car dealership or privately owned automotive repair shop.

Curriculum Requirements

General Education Requirements Credits: 25–26

BUS 120	Business Organization & Management	3
ENG 140	English Composition I	3
COM 105	Interpersonal Communication <i>or</i>	
ENG 141	English Composition II	3
CSC 112	Computer Software	3
BIO 165	Environmental Science <i>or</i>	4
MAT 110	Topics of Mathematics or higher	3
FYE 101	Foundations of Success	1
SOC 103	Introduction to Sociology	3
HUM	Humanities Elective	3
HUM	Humanities Elective <i>or</i>	
SOC	Social Science	3

Career Courses Credits: 47

AUT 101	Engine Repair	4
AUT 102	Brake Systems	4
AUT 103	Steering/Suspension Systems	4
AUT 104	Automotive Electrical I	4
AUT 105	Automotive Engine Performance I	4
AUT 106	Manual Drive Train	4
AUT 201	Automotive Electrical II	4
AUT 202	Automotive Engine Performance II	4
AUT 203	Heating & AC	4
AUT 204	Automatic Transmission	4
AUT 205	Automotive Engine Performance III	4
AUT 206	Automotive Internship	3

Total Credits for Degree 72–73

Recommended F/T Course Sequence

First Semester Credits: 19

AUT 101	Engine Repair	4
AUT 102	Brake Systems	4
AUT 103	Steering and Suspension	4
ENG 140	English Composition I	3
SOC 103	Introduction to Sociology	3
FYE 101	Foundations of Success	1

Second Semester Credits: 18

AUT 104	Automotive Electrical I	4
AUT 105	Engine Performance I	4
AUT 106	Manual Drive Train	4
CSC 112	Microcomputer Software Applications	3
COM 105	Interpersonal Communication <i>or</i>	
ENG 141	English Composition II	3

Third Semester Credits: 18–19

AUT 201	Automotive Electrical II	4
AUT 202	Engine Performance II	4
AUT 203	Heating and A/C	4
BIO 165	Environmental Science <i>or</i>	4
MAT	Math 110 or Higher	3
HUM	Humanities Elective	3

Fourth Semester Credits: 17

AUT 204	Automatic Transmission	4
AUT 205	Engine Performance III	4
AUT 206	Automotive Internship	3
BUS 120	Business Organization & Management	3
HUM	Humanities Elective <i>or</i>	
SOC	Social Science Elective	3

Total Credits for Degree 72–73

The following courses may be waived if a student received 80% proficiency in the Warren County Technical School with approval of inspector or Coordinator. Automotive Program, AUT 101, 102, 103, 104, 105, or 106.

The following courses may be waived if a student provides documentation of ASE Certification : AUT 101, 102, 103, 104, 105, 106, 203, and 204.

Courses may be waived if credit was received for any of the above automotive courses.

Students entering the Automotive Technology program would be required to attend a mandatory orientation into the program.

PROGRAMS OF STUDY

BIOLOGY

Associate in Science, Biology Option

The Associate in Science Degree, Biology program prepares students for transfer to a four-year program in biological science. For those who wish to enter the job market at the Associate level, the program prepares students with scientific backgrounds to qualify for positions such as laboratory aides and technicians in related science and allied health fields.

Some programs this degree prepares you for: Biological Science; Biochemistry; Molecular Biology; Marine and Aquatic Biology; Zoology; and Animal Science.

Some career fields the previous programs can help prepare you for: Medicine; Veterinary Medicine; Animal Caregiver; Dentistry; Physical Therapy; Occupational Therapy; Podiatrist; Chiropractor; Optometrist; and Product Inspector.

Curriculum Requirements

Communications Credits: 6

ENG 140	English Composition I	3
ENG 141	English Composition II	3

Humanities Credits: 3

Humanities Elective	3
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Social Science Credits: 7

PSY 101	Introduction to Psychology	3
FYE 101	Foundations of Success	1
	Social Science Elective	3

Mathematics and Sciences Credits: 36–38

CHE 164	General Chemistry I	4
CHE 165	General Chemistry II	4
CSC 112	Microcomputer Software Applications	3
MAT 151	Statistics	3

Select two of the four below: (6-8 credits)

MAT 131	College Algebra	3
MAT 141	Precalculus	3
MAT 201	Calculus I	4
MAT 202	Calculus II	4

Program Courses Credits: 27

BIO 162	General Biology I	4
BIO 163	General Biology II	4
BIO 170	General Ecology	4
BIO 200	Genetics	3
BIO 220	Evolutionary Biology	4
CHE 210	Organic Chemistry I	4
CHE 211	Organic Chemistry II	4

Recommended F/T Course Sequence

First Semester Credits: 15–16

ENG 140	English Composition I	3
BIO 162	General Biology I	4
MAT	College Algebra <i>or</i> Precalculus <i>or</i> Calculus I	3–4
CHE 164	General Chemistry I	4
FYE 101	Foundations of Success	1

Second Semester Credits: 18–19

ENG 141	English Composition II	3
BIO 163	General Biology II	4
BIO 170	General Ecology	4
MAT	Precalculus <i>or</i> Calculus I <i>or</i> Calculus II	3–4
CHE 165	General Chemistry II	4

Third Semester Credits: 16

BIO 200	Genetics	3
CSC 112	Microcomputer Software Applications	3
CHE 210	Organic Chemistry I	4
PSY 101	Introduction to Psychology	3
MAT 151	Statistics	3

Fourth Semester Credits: 14

BIO 220	Evolutionary Biology	4
CHE 211	Organic Chemistry II	4
	Humanities Elective	3
	Social Science Elective	3

(Optional BIO Elective* from list below) 4*

*BIO 165 *Environmental Studies* 16*

*BIO 210 *Comparative Anatomy* 4

*BIO 262 *Anatomy & Physiology I* 4

*BIO 263 *Anatomy & Physiology II* 4

*BIO 264 *Microbiology* 4

67–69*

Total Credits for Degree 63–65

Mathematics courses through Calculus II are recommended.

BUSINESS ADMINISTRATION

Associate in Arts in Liberal Arts

Business Administration Option

The Associate in Arts in Liberal Arts, Business Administration Option is designed for students preparing to transfer to a four-year college or university to pursue a Bachelor's degree for employment in a variety of business careers, including accounting, economics, finance, marketing, and business administration.

Students are required to take electives to explore different disciplines or to satisfy transfer requirements to four-year institutions. In order to assure an appropriate selection of elective courses, students are urged to meet with an advisor before registering for courses.

Curriculum Requirements

Communications Credits: 9

ENG	140	English Composition I	3
ENG	141	English Composition II	3
COM	143	Speech	3

Humanities Credits: 18

HIS	101	Western Civilization I <i>and</i>	
HIS	102	Western Civilization II <i>or</i>	6
HIS	113	American History I <i>and</i>	
HIS	114	American History II	6
		Foreign Language <i>or</i>	
		Literature Electives	6
		Humanities Electives	6

Social Science Credits: 7

ECO	188	Macroeconomics	3
FYE	101	Foundations of Success	1
		Social Science Elective	3

Mathematics and Sciences Credits: 17

CSC	112	Microcomputer Software Applications	3
		Laboratory Science Electives	8
MAT	151	Statistics	3
		Mathematics Elective	3

Career Courses Credits: 15

ACC	101	Principles of Accounting I	3
ACC	102	Principles of Accounting II	3
BUS	120	Business Organization & Management	3
BUS	122	Business Law I	3
ECO	189	Microeconomics	3

Recommended F/T Course Sequence

First Semester Credits: 16

ENG	140	English Composition I	3
HIS	101	Western Civilization I <i>or</i>	
HIS	113	American History I	3
COM	143	Speech	3
BUS	120	Business Organization & Management	3
		Mathematics Elective	3
FYE	101	Foundations of Success	1

Second Semester Credits: 15

ENG	141	English Composition II	3
HIS	102	Western Civilization II <i>or</i>	
HIS	114	American History II	3
BUS	122	Business Law I	3
ECO	188	Macroeconomics	3
MAT	151	Statistics	3

Third Semester Credits: 19

		Social Science Elective	3
		Laboratory Science Elective	4
		Foreign Language <i>or</i>	
		Literature Elective	3
ACC	101	Principles of Accounting	3
CSC	112	Microcomputer Software Applications	3
ECO	189	Microeconomics	3

Fourth Semester Credits: 16

		Laboratory Science Elective	4
		Foreign Language <i>or</i> Literature	3
ACC	102	Principles of Accounting II	3
		Humanities Electives	6

Total Credits for Degree 66

PROGRAMS OF STUDY

BUSINESS MANAGEMENT

Associate in Applied Science in Business Management/ Business Management Program

The Associate in Applied Science in Business Management - Business Management Program is a two-year program designed to prepare students for management jobs. The program is composed of general education courses and a strong core of business courses that will assist the student in developing general management skills for employment in nearly any sector. The program has been designed for skill development and therefore does not transfer easily into a baccalaureate business program. Students planning to pursue a Bachelor's degree in business management should enroll in the A.A. Liberal Arts, Business Administration option.

Curriculum Requirements		Credits: 26
ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3
	Humanities Elective	3
	Social Science Electives	6
FYE 101	Foundations of Success	1
	Mathematics Elective	3
	Laboratory Science Elective	4

Career Courses		Credits: 39
ACC 101	Principles of Accounting	3
BUS 120	Business Organization & Management	3
BUS 122	Business Law I	3
BUS 124	Principles of Management	3
BUS 224	Personnel Management	3
	Business Electives	18
CSC 103	Introduction to Computing	3
ECO 188	Macroeconomics	3

Recommended F/T Course Sequence

First Semester		Credits: 16
ENG 140	English Composition I	3
COM 143	Speech	3
ACC 101	Principles of Accounting I	3
BUS 120	Business Organization & Management	3
CSC 103	Introduction to Computing	3
FYE 101	Foundations of Success	1

Second Semester		Credits: 15
ENG 141	English Composition II	3
BUS 122	Business Law I	3
	Mathematics Elective	3
BUS 124	Principles of Management	3
	Business Elective	3

Third Semester		Credits: 16
	Social Science Elective	3
	Laboratory Science Elective	4
ECO 188	Macroeconomics	3
	Business Electives	6

Fourth Semester		Credits: 18
	Social Science Elective	3
	Humanities Elective	3
BUS 224	Personnel Management	3
	Business Electives	9

Total Credits for Degree		65
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PROGRAMS OF STUDY

BUSINESS MANAGEMENT

Certificate Program

The Certificate in Business Management prepares students for managerial positions in a variety of employment settings. Credits earned in this program may be applied toward the Associate in Applied Science in Business Management, Business Management Program.

Curriculum Requirements			Credits: 10
ECO	188	Macroeconomics	3
ENG	140	English Composition I	3
MAT	111	Mathematical Analysis for Business & Economics	3
FYE	101	Foundations of Success	1

Career Courses			Credits: 21
ACC	101	Principles of Accounting I	3
ACC	102	Principles of Accounting II	3
BUS	120	Business Organization & Management	3
BUS	124	Principles of Management	3
BUS	201	Principles of Marketing	3
BUS	224	Personnel Management	3
BUS	228	Principles of Finance	3

Total Credits **31**

PROGRAMS OF STUDY

CHEMISTRY

Associate in Science in General Science Chemistry Option

The Associate in Science in General Science, Chemistry Option is recommended for students with an interest in chemistry or biochemistry and considering career paths involving environmental chemistry, forensics, chemical engineering or geological chemistry. This program option provides a strong foundation in chemistry and mathematics, as well as electives for students to tailor the program to meet their goals.

The objectives of this program are to prepare students to enter the second half of a prescribed program in the areas referenced above at a four-year institution and provide knowledge and skills to allow graduates to major in chemistry at a four-year college or university.

Curriculum Requirements

Communications Credits: 6

ENG 140	English Composition I	3
ENG 141	English Composition II	3

Humanities Credits: 3	
	Humanities Elective 3

Social Science Credits: 7

FYE 101	Foundations of Success	1
	Social Science Electives	6

Mathematics and Science Credits: 26

CSC 112	Microcomputer Software Applications	3
MAT 141	Precalculus	3
MAT 201	Calculus I	4
CHE 164	General Chemistry I	4
CHE 165	General Chemistry II	4
BIO 162	General Biology I	4
BIO 163	General Biology II	4

Career Courses Credits: 19

CHE 210	Organic Chemistry I	4
CHE 211	Organic Chemistry II	4
	Laboratory Science Elective	4
MAT 151	Statistics	3
MAT 202	Calculus II	4

Recommended F/T Course Sequence

First Semester Credits: 15

ENG 140	English Composition I	3
CHE 164	General Chemistry I	4
BIO 162	General Biology I	4
MAT 141	Precalculus	3
FYE 101	Foundations of Success	1

Second Semester Credits: 18

ENG 141	English Composition II	3
CHE 165	General Chemistry II	4
BIO 163	General Biology II	4
MAT 201	Calculus I	4
CSC 112	Microcomputer Software Applications	3

Third Semester Credits: 14

CHE 210	Organic Chemistry I	4
MAT 151	Statistics	3
MAT 202	Calculus II	4
	Social Science Elective	3

Fourth Semester Credits: 14

CHE 211	Organic Chemistry II	4
	Laboratory Science Elective	4
	Social Science Elective	3
	Humanities Elective	3

Total Credits for Degree 61

COMMUNICATIONS

Associate in Arts in Liberal Arts Communications Option

The Associate in Liberal Arts Communications Option is a two-year program designed for students who intend to complete a baccalaureate degree at a four-year institution. As a Communications major, the student is prepared for a wide range of careers, including journalism, broadcasting, public relations, special events coordination and customer service. Various amounts of graduate training can lead to careers in teaching and educational administration. Communication majors are excellent candidates for positions in broadcasting, print media, and public relations. NOTE: The four-semester course sequence assumes a student's full-time enrollment, without developmental courses. It is suggested that the student meet with his/her academic advisor to discuss individual needs.

Curriculum Requirements

English Credits: 12

COM 105	Interpersonal Communications	3
COM 143	Speech	3
ENG 140	English Composition I	3
ENG 141	English Composition II	3

Humanities Credits: 15

HIS 101	Western Civilization I* <i>and</i>	
HIS 102	Western Civilization II*	6

HIS 113*	American History I <i>and</i>	
HIS 114	American History II	6

Humanities Electives 9**

** Select three (3) from below

ART 101	Introduction to Art	3
ENG 144	Creative Poetry	3
ENG 150	Creative Fiction	3
ENG 199	Literature and Film	3
ENG 201	British Literature	3
ENG 240	American Literature	3
MUS 191	Introduction to Music	3
PHI 101	Introduction to Philosophy	3
THE 193	Introduction to Theater	3

Mathematics and Science Credits: 14

	Mathematics Electives	3*
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* Select one (1) from below

MAT 131	College Algebra <i>or</i>	
MAT 151	Statistics	3
	LAB Science Electives	
CSC 103	Introduction to Computing <i>or</i>	
CSC 112	Microcomputer Applications	3

Social Science Credits: 10

PSY 101	Introduction to Psychology	3
FYE 101	Foundations of Success	1
SOC 103	Introduction to Sociology <i>or</i>	
SOC 120	Racial & Ethnic Relations	3
SOC	Social Science Elective	3

Communication Electives Credits: 15

Select five (5) from below:

COM 101	Mass Media	3
COM 110	News Writing	3
COM 115	Feature Writing	3
COM 120	Intro to Radio Broadcasting	3
COM 121	Business Communications	3
COM 130	Broadcasting	3
COM 205	Intercultural Communication	3
COM 210	Photojournalism	3
COM 511	Journalism Internship	3
CSC 212	Multimedia Web Design	3
GRD 121	Computer Graphics	3
GRD 131	Desktop Publishing I	3

Recommended F/T Course Sequence

First Semester Credits: 17

COM 143	Speech	3
CSC 105	Introduction to Computing <i>or</i>	
CSC 112	Microcomputer Applications	3
ENG 140	English Composition I	3
HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3
FYE 101	Foundations of Success	1
	Lab Science Elective	4

Second Semester Credits: 18

COM 105	Interpersonal Communications	3
ENG 141	English Composition II	3
HIS 102	Western Civilization II <i>or</i>	
HIS 114	American History II	3
	Mathematics Elective	3
PSY 101	Introduction to Psychology	3
	Communications Elective	3

Third Semester Credits: 16

SOC 103	Introduction to Sociology <i>or</i>	
SOC 120	Racial & Ethnic Relations	3
HIS 102	Western Civilization II	3
	Communication Elective	6
	Humanities Electives	3
	Lab Science Elective	4

Fourth Semester Credits: 15

	Communication Elective	6
	Social Science Elective	3
	Humanities Elective	6

Total Credits for Degree 66

PROGRAMS OF STUDY

COMMUNICATIONS

Certificate Program

The Certificate in Communications prepares students for a variety of employment settings and provides a strong foundation for entrance or advancement in the communications field. All courses may be applied to the Associate in Liberal Arts, Communications degree. This Certificate is also a great way for teachers to earn mandated CEUs (continuing Education Unites), and assists in enhancing employment.

Curriculum Requirements			Credits: 10
ENG	140	English Composition I	3
PSY	101	Introduction to Psychology	3
SOC	103	Introduction to Sociology <i>or</i>	
SOC	120	Racial & Ethnic Relations	3
FYE	101	Foundations of Success	1

Career Courses*			Credits: 21
COM	101	Introduction to Mass Media	3
COM	105	Interpersonal Communication	3
COM	110	Introduction to News Writing	3
COM	115	Feature Writing	3
COM	121	Business Communications	3
COM	143	Speech	3
GRD	121	Computer Graphics I	3
GRD	131	Desktop Publishing I	3
CSC	212	Multimedia for the Web	3

Total Credits **31**

*Students must choose 7 courses from the list of 9 courses above for a total of 21 credits.

COMPUTER AND INFORMATION SCIENCES

Associate in Arts in Liberal Arts

Computer and Information Sciences Option

The Associate in Arts in Liberal Arts, Computer and Information Sciences Option is designed to parallel the first two years of a baccalaureate computer science degree program. The studies include computer programming, introductory computer architecture, mathematics, and general education courses.

Upon completion of the Associate's degree and a baccalaureate program, students will be prepared for a variety of sophisticated positions in the computer field as an applications/systems programmer, programmer/analyst, or software developer. Depending on a student's plans and available time, this program can be completed in two years of full-time study with day and evening classes or in three to five years of part-time evening study.

Curriculum Requirements

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3

Humanities Credits: 15

HIS 101	Western Civilization I <i>and</i>	
HIS 102	Western Civilization II	6
	<i>or</i>	
HIS 113	American History I <i>and</i>	
HIS 114	American History II	6
	Foreign Language <i>or</i>	
	Literature Electives	6
	Humanities Elective	3

Social Science Credits: 7

ECO 188	Macroeconomics	3
FYE 101	Foundations of Success	1
	Social Science Elective	3

Mathematics and Sciences Credits: 21–22

	Laboratory Science Electives	8
	Required Mathematics Courses*13-14	

*Select four (4) from below:

MAT 131	College Algebra	3
MAT 141	Precalculus	3
MAT 151	Statistics	3
MAT 201	Calculus I	4
MAT 202	Calculus II	4

Career Courses Credits: 12

CSC 103	Introduction to Computing	3
CSC 110	Systems Analysis <i>or</i>	
CSC 120	Data Communications	3
CSC 121	Programming I (C++)	3
CSC 122	Programming II (C++)	3

Recommended F/T Course Sequence

First Semester Credits: 16

ENG 140	English Composition I	3
HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3
COM 143	Speech	3
CSC 103	Introduction to Computing	3
MAT	Required Math Course*	3
FYE 101	Foundations of Success	1

Second Semester Credits: 15

ENG 141	English Composition II	3
HIS 102	Western Civilization II <i>or</i>	
HIS 114	American History II	3
CSC	Data Communications <i>or</i>	
	Systems Analysis	3
MAT	Required Mathematics Course*	3
	Social Science Elective	3

Third Semester Credits: 16–17

	Laboratory Science Elective	4
	Foreign Language <i>or</i>	
	Literature Elective	3
	Humanities Elective	3
CSC 121	Programming I (C++)	3
MAT	Required Mathematics Course* 3-4	

Fourth Semester Credits: 17

	Laboratory Science Elective	4
	Foreign Language <i>or</i>	
	Literature Elective	3
ECO 188	Macroeconomics	3
CSC 122	Programming II (C++)	3
MAT	Required Mathematics Course*	4

Total Credits for Degree 64–65

PROGRAMS OF STUDY

COMPUTER INFORMATION SERVICES

Associate in Applied Science in Business Management – Computer Information Services Option

The Associate in Applied Science in Business Management, Computer Information Services Option Program is a two-year program designed to prepare students for jobs that require general management skills as well as those specific to computer services. This program option is composed of general education courses, business management courses, and a strong core of computer science studies.

The program has been designed for skill development and therefore does not transfer as easily into a baccalaureate business or computer science program. Students planning to pursue a Bachelor's degree in computer science should enroll in the A.A. Liberal Arts, Computer and Information Sciences Option program.

Curriculum Requirements Credits: 26

ENG	140	English Composition I	3
ENG	141	English Composition II	3
COM	143	Speech	3
		Humanities Elective	3
		Social Science Electives	6
FYE	101	Foundations of Success	1
		Mathematics Elective	3
		Laboratory Science Elective	4

Career Courses Credits: 39

ACC	101	Principles of Accounting I	3
ACC	102	Principles of Accounting II	3
BUS	120	Business Organization & Management	3
BUS	122	Business Law I	3
BUS	124	Principles of Management	3
BUS	224	Personnel Management	3
		Business Elective	3
CSC	103	Introduction to Computing	3
CSC	121	Programming I (C++)	3
		Computer Science Electives	9
ECO	188	Macroeconomics	3

Recommended F/T Course Sequence Credits

First Semester Credits: 16

ENG	140	English Composition I	3
COM	143	Speech	3
ACC	101	Principles of Accounting I	3
BUS	120	Business Organization & Management	3
CSC	103	Introduction to Computing	3
FYE	101	Foundations of Success	1

Second Semester Credits: 15

ENG	141	English Composition II	3
BUS	122	Business Law I	3
BUS	124	Principles of Management	3
ACC	102	Principles of Accounting II	3
		Computer Science Elective	3

Third Semester Credits: 16

		Social Science Elective	3
		Laboratory Science Elective	4
ECO	188	Macroeconomics	3
		Mathematics Elective	3
CSC	121	Programming I (C++)	3

Fourth Semester Credits: 18

		Social Science Elective	3
		Humanities Elective	3
BUS	224	Personnel Management	3
		Business Elective	3
		Computer Science Electives	6

Total Credits for Degree 65

COMPUTER INFORMATION SYSTEMS

Certificate Program

The Certificate in Computer Information Systems prepares students for entry-level positions in programming. Credits earned in this Certificate may be applied toward the Associate in Applied Science in Business Management, Computer Information Services Option or Business Management Program.

Curriculum Requirements			Credits: 10
ECO	188	Macroeconomics	3
ENG	140	English Composition I	3
MAT	111	Mathematical Analysis for Business & Economics	3
FYE	101	Foundations of Success	1

Career Courses			Credits: 21
CSC	103	Introduction to Computing	3
CSC	110	Systems Analysis	3
CSC	120	Data Communications	3
CSC	121	Programming I (C++)	3
CSC	122	Programming II (C++)	3
CSC	140	Programming with Visual BASIC	3
CSC	228	Advanced Programming Techniques	3

Total Credits 31

PROGRAMS OF STUDY

CREATIVE WRITING

Associate of Fine Arts

The Associate in Fine Arts in Creative Writing Program is a two-year program designed to provide students with an opportunity to develop as readers and writers and prepare for advanced study in creative writing. The comprehensive core of forty-eight general education courses and specialized courses in Creative Writing will also prepare students for transfer to programs in related disciplines.

Curriculum Requirement

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 105	Interpersonal Communications <i>or</i>	
COM 143	Speech	3

Humanities Credits: 15

HIS 101	Western Civilization I <i>and</i>	
HIS 102	Western Civilization II	6
	<i>or</i>	
HIS 113	American History I <i>and</i>	
HIS 114	American History II	6
	Humanities Electives*	9

*suggested Humanities Electives

ART 101	Introduction to Art Appreciation	3
ENG 199	Literature on Film	3
ENG 201	British Literature I	3
ENG 202	British Literature II	3
ENG 240	American Literature I	3
ENG 241	American Literature II	3
ENG 242	Women's Literature	3
MUS 191	Introduction to Music	3
MUS 211	World Music Cultures	3
PHI 101	Introduction to Philosophy	3
PHI 261	Myth and Culture	3
THE 193	Introduction to Theatre	3

Mathematics and Science Credits: 14

	Mathematics Elective	3
	Laboratory Science Elective	8
CSC 112	Microcomputer Applications	3

Social Science Credits: 10

PSY 101	Introduction to Psychology	3
FYE 101	Foundations of Success	1
SOC 103	Introduction to Sociology <i>or</i>	3
SOC 120	Racial and Ethnic Relations	
	Social Science Elective	3

Program Courses Credits: 18

ENG 144	Poetry Workshop	3
ENG 150	Fiction Workshop	3
ENG 151	Creative Non-Fiction Workshop	3
ENG 244	Modern American Poets	3
ENG 246	Contemporary Fiction	3
ENG 250	Advanced Creative Writing Workshop	3

Recommended F/T Course Sequence

First Semester Credits: 16

ENG 140	English Composition I	3
COM 105	Interpersonal Communications <i>or</i>	
COM 143	Speech	3
CSC 112	Microcomputer Applications	3
ENG 144	Poetry Workshop <i>or</i>	
ENG 150	Fiction Workshop	3
FYE 101	Foundations of Success	1
	Humanities Elective	3

Second Semester Credits: 19

ENG 141	English Composition II	3
	Laboratory Science Elective	4
	Math Elective	3
HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3
PSY 101	Introduction to Psychology	3
ENG 144	Poetry Workshop <i>or</i>	
ENG 150	Fiction Workshop	3

Third Semester Credits: 16

HIS 102	Western Civilization II <i>or</i>	
HIS 114	American History II	3
ENG 244	Modern American Poets <i>or</i>	
ENG 246	Contemporary Fiction	3
ENG 151	Creative Non-Fiction Workshop	3
	Laboratory Science Elective	4
	Humanities Elective	3

Fourth Semester Credits: 15

ENG 244	Modern American Poets <i>or</i>	
ENG 246	Contemporary Fiction	3
ENG 250	Advanced Creative Writing Workshop	3
SOC 103	Introduction to Sociology <i>or</i>	
SOC 120	Racial and Ethnic Relations	3
	Social Science Elective	3
	Humanities Elective	3

Total Credits for Degree 66

CRIMINAL JUSTICE

Associate in Science

Criminal Justice Program

The Criminal Justice program is designed for students seeking employment in the corrections and law enforcement fields. The program is suitable for students planning to transfer to a four-year institution to pursue a baccalaureate degree in criminal justice or related fields. It is also suitable for individuals looking for immediate employment or those already employed in the field and seeking advancement.

Criminal justice studies include adult and juvenile adjudication systems; the role of police, courts and corrections; criminal law; and theories pertaining to criminal behavior. In addition to transfer, graduates are eligible to seek entry-level positions in parole, probation, security, corrections, and governmental agencies, including police departments.

Curriculum Requirements Credits

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3

Humanities Credits: 9

HIS 113	American History I	3
HIS 114	American History II	3
	Humanities Elective	3

Social Science Credits: 10

POL 115	State and Local Government	3
PSY 101	Introduction to Psychology	3
FYE 101	Foundations of Success	1
SOC 103	Introduction to Sociology	3

Mathematics and Sciences Credits: 10

	Laboratory Science Elective	4
CSC 103	Introduction to Computing	3
MAT 151	Statistics	3

Electives Credits: 3

	Free Elective	3
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Career Courses Credits: 24

CRJ 105	Introduction to Criminal Justice	3
CRJ 110	Criminology	3
CRJ 120	Juvenile Delinquency	3
CRJ 130	Criminal Law	3
CRJ 160	Police and the Community	3
CRJ 180	Corrections in Today's Society	3
	Criminal Justice Elective*	3
	Criminal Justice Elective*	3

Recommended F/T Course Sequence

First Semester Credits: 16

ENG 140	English Composition I	3
PSY 101	Introduction to Psychology	3
COM 143	Speech	3
CRJ 105	Introduction to Criminal Justice	3
HIS 113	American History I	3
FYE 101	Foundations of Success	1

Second Semester Credits: 18

ENG 141	English Composition II	3
SOC 103	Introduction to Sociology	3
CRJ 110	Criminology	3
HIS 114	American History II	3
CRJ 120	Juvenile Delinquency	3
MAT 151	Statistics	3

Third Semester Credits: 16

	Laboratory Science Elective	4
CRJ 130	Criminal Law	3
CRJ 160	Police and the Community	3
CSC 103	Introduction to Computing	3
POL 115	State and Local Government	3

Fourth Semester Credits: 15

CRJ 180	Corrections in Today's Society	3
	Criminal Justice Elective*	3
	Criminal Justice Elective*	3
	Humanities Elective	3
	Free Elective	3

Total Credits for Degree 65

Note: Police Academy Graduates may have already earned nine credits toward your degree at WCCC. Please contact the program coordinator for more details at (908) 835-2340.

*Criminal Justice Electives: Choose six (6) credits from: CRJ 210, CRJ 220, CRJ 225 or CRJ 511.

PROGRAMS OF STUDY

CRIMINAL JUSTICE – CORRECTIONS

Certificate Program

The Criminal Justice – Corrections Certificate Program is recommended for students with an interest in prison or jail security and management, as well as probation or parole positions. The program integrates basic criminal justice courses with an emphasis on corrections. The program will provide a strong foundation for entrance or advancement in the corrections field.

All courses completed in WCCC’s Criminal Justice – Corrections certificate program will be accepted toward completion of the Associate in Science (A.S.) Degree in Criminal Justice.

Corrections Officer Academy Graduates may have already earned nine (9) credits toward the Certificate in Criminal Justice – Corrections. Please contact the Program Coordinator for more details at (908) 835-2340.

Curriculum Requirements			Credits: 10
ENG	140	English Composition I	3
PSY	101	Introduction to Psychology	3
FYE	101	Foundations of Success	1
SOC	103	Introduction to Sociology	3

Career Courses			Credits: 21
CRJ	105	Introduction to Criminal Justice	3
CRJ	130	Criminal Law	3
CRJ	180	Corrections in Today’s Society	3
CRJ	210	Probation and Parole	3
CRJ	220	Criminal Justice Organizations & Management	3
SOC	120	Racial and Ethnic Relations	3
SOC	202	Contemporary Social Issues	3

Total Credits			31
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EARLY CHILDHOOD EDUCATION

Associate in Applied Science

Early Childhood Education Program

The Associate in Applied Science Degree in Early Childhood Education is designed to prepare students for entry-level positions in the Early Childhood Education field. Employment in early childhood education occurs in diverse settings including public and private schools, childcare centers, and home-based programs. Positions in these settings include assistant teacher, early intervention specialist, education coordinator, head teacher, director, school-community liaison, and family home care provider, among others. This degree meets the New Jersey licensing requirements for the Group Teacher credential granted by the Division of Youth and Family Services, Bureau of Licensing. Students holding the Child Development Associate credential will receive 9 credits toward the Associate in Applied Science Degree. While all general education credits in the degree program transfer to a four-year program in teacher education, most baccalaureate-level teacher education programs limit the number of education transfer credits. Students interested in transferring may take education courses but should consider WCCC's Associate Degree in Liberal Arts in Elementary and Secondary Education Option. The Early Childhood Education program is designed for those students interested in immediate employment in childcare centers, pre-schools, and childcare centers.

Curriculum Requirements

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3

Mathematics/Science Credits: 9–11

CSC 112	Microcomputer Applications <i>or</i>	
CSC 117	Instructional Technology	3
	Mathematics <i>or</i> Science Electives	6-8

Social Science Credits: 13

PSY 101	Introduction to Psychology	3
PSY 120	Child Growth & Development	3
PSY 181	Child Psychology	3
SOC 103	Introduction to Sociology <i>or</i>	
SOC 110	Sociology of Education <i>or</i>	
SOC 120	Racial and Ethnic Relations	3
FYE 101	Foundations of Success	1

Humanities Credits: 3

HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3

Career Courses Credits: 27

ECE 130	Early Childhood Curriculum (Formerly ECE 220)	3
ECE 210	Children's Literature	3
ECE 225	Preschool Children with Special Needs	3
ECE 230	Early Childhood Teaching Methods	3
ECE 240	Teaching Language Arts to Young Children	3
ECE 250	Expressive Arts for Early Childhood Educators	3
ECE 260	Education Field Studies I	3
ECE 270	Education Field Studies II	3
EDU 110	Foundations of Education	3

Recommended F/T Course Sequence Credits

First Semester Credits: 16–17

ENG 140	English Composition I	3
PSY 101	Introduction to Psychology	3
PSY 120	Child Growth & Development	3
ECE 130	Early Childhood Curriculum (Formerly ECE 220)	3
	Mathematics <i>or</i> Science Elective	3-4
FYE 101	Foundations of Success	1

Second Semester Credits: 15–16

ENG 141	English Composition II	3
	Mathematics <i>or</i> Science Elective	3-4
ECE 210	Children's Literature	3
EDU 110	Foundations of Education	3
ECE 240	Teaching Language Arts to Young Children	3

Third Semester Credits: 15

PSY 181	Child Psychology	3
ECE 225	Preschool Children with Special Needs	3
ECE 250	Expressive Arts for Early Childhood Educators	3
HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3
ECE 260	Education Field Studies I	3

Fourth Semester Credits: 15

SOC 103	Introduction to Sociology <i>or</i>	
SOC 110	Sociology of Education <i>or</i>	
SOC 120	Racial and Ethnic Relations	3
ECE 230	Early Childhood Teaching Methods	3
COM 143	Speech	3
ECE 270	Education Field Studies II	3
CSC 112	Microcomputer Software Applications <i>or</i>	
CSC 117	Instructional Technology	3

Total Credits for Degree 61–63

PROGRAMS OF STUDY

EARLY CHILDHOOD EDUCATION

Certificate Program

This Early Childhood Education Certificate Program prepares students for positions as assistants and group teachers in the rapidly growing field of Early Childhood Education. All 33 credits in this program will transfer toward the Associate in Applied Science, Early Childhood Education Program.

Curriculum Requirements			Credits: 7
ENG	140	English Composition I	3
PSY	101	Introduction to Psychology	3
FYE	101	Foundations of Success	1

Career Courses			Credits: 27
ECE	130	Early Childhood Curriculum	3
ECE	210	Children's Literature	3
ECE	230	Early Childhood Teaching Methods	3
ECE	240	Teaching Language Arts to Young Children	3
ECE	250	Expressive Arts for Early Childhood Educators	3
ECE	260	Field Studies in Education I*	3
ECE	270	Field Studies in Education II*	3
PSY	120	Child Growth and Development	3
PSY	181	Child Psychology	3

Total Credits **34**

* Students who have less than one year prior work experience in a certified preschool will need to complete two semesters of field studies experience to meet certification requirements for Group Teacher.

ECOTOURISM

Associate of Science

The Associate in Science in Ecotourism Program is a two-year program designed to prepare students for leadership roles in the nature-based recreation and travel. The strong core of general education and business courses will assist the student in developing general management skills. Specialized courses in ecotourism, biology, history and education emphasize the specialized needs of the ecotourism industry.

Curriculum Requirements

Communications Credits: 6

ENG 140	English Composition I	3
ENG 141	English Composition II	3

Humanities Credits: 3

HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3

Social Science Credits: 7

FYE 101	Foundations of Success	1
SOC	Social Science Elective*	3
PSY	Psychology Elective*	3

Mathematics and Sciences Credits: 14

BIO 165	Environmental Studies	4
BIO 170	General Ecology	4
MAT	Math Elective	3
CSC	Computer Science Elective	3

Career Courses Credits: 33

COM 105	Interpersonal Communication	3
COM 205	Intercultural Communications	3
HIS 114	American History II	3
HPE 129	Health & Physical Education	2
ETO 105	Outdoor Education	4
BUS 120	Business Organization and Management	3
BUS 124	Principles of Management	3
BUS 221	Small Business Management	3
BUS 224	Personnel Management	3
EDU 210	Curriculum Design	3

Recommended F/T Course Sequence

First Semester Credits: 15

ENG 140	English Composition I	3
BIO 170	General Ecology	4
COM 105	Interpersonal Communication	3
HPE 129	Health & Physical Education	2
BUS 120	Business Organization and Management	3
FYE 101	Foundations of Success	1

Second Semester Credits: 16

ENG 141	English Composition II	3
BIO 165	Environmental Studies	4
MAT	Math Elective (MAT 131 College Algebra recommended)	3
BUS 124	Principles of Management	3
PSY	Psychology Elective*	3

Third Semester Credits: 16

SOC	Social Science Elective*	3
ETO 105	Outdoor Education	3
CSC	Computer Science Elective (CSC 103 Intro to Computing recommended)	3
HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3
BUS 221	Small Business Management	3
	Free Elective	3

Fourth Semester Credits: 16

EDU 210	Curriculum Design	3
BUS 224	Personnel Management	3
COM 205	Intercultural Communications	3
HIS 114	American History II	3
ETO 110	Introduction to Ecotourism	4

Total Credits for Degree 63

*These courses must be introductory (100) level courses.

PROGRAMS OF STUDY

ELEMENTARY AND SECONDARY EDUCATION

Associate in Arts in Liberal Arts

Elementary and Secondary Education Option

The Associate in Arts in Liberal Arts, Elementary and Secondary Education Option Program is designed for students interested in transferring to a teacher education program at the baccalaureate degree level to become certified as an elementary or secondary teacher in New Jersey.

Curriculum Requirements

Communications Credits: 9

ENG	140	English Composition I	3
ENG	141	English Composition II	3
COM	143	Speech	3

Humanities Credits: 18

HIS	101	Western Civilization I <i>and</i>	
HIS	102	Western Civilization II	6
		<i>or</i>	
HIS	113	American History I <i>and</i>	
HIS	114	American History II	6
		Foreign Language <i>or</i>	
		Literature Electives	6
		Humanities Electives	6

Social Science Credits: 13

ECO	188	Macroeconomics	3
PSY	101	Introduction to Psychology	3
PSY	120	Child Growth and Development <i>or</i>	
PSY	181	Child Psychology	3
FYE	101	Foundations of Success	1
SOC	120	Racial and Ethnic Relations <i>or</i>	
SOC	202	Contemporary Social Problems	3

Mathematics and Sciences Credits: 17

CSC	112	Microcomputer Software Applications <i>or</i>	
CSC	117	Instructional Technology	3
		Laboratory Science Electives	8
		Mathematics Electives	6

Career Courses Credits: 9

EDU	110	Foundations of Education	3
EDU	284	Educational Psychology <i>or</i>	
PSY	284	Educational Psychology	3
		Free Elective	3

Recommended F/T Course Sequence Credits

First Semester Credits: 16

ENG	140	English Composition I	3
HIS	101	Western Civilization I <i>or</i>	
HIS	113	American History I	3
PSY	101	Introduction to Psychology	3
EDU	110	Foundations of Education	3
		Mathematics Elective	3
FYE	101	Foundations of Success	1

Second Semester Credits: 15

ENG	141	English Composition II	3
HIS	102	Western Civilization II <i>or</i>	
HIS	114	American History II	3
CSC	112	Microcomputer Software Applications <i>or</i>	
CSC	117	Instructional Technology	3
PSY	120	Child Growth and Development <i>or</i>	
PSY	181	Child Psychology	3
		Mathematics Elective	3

Third Semester Credits: 19

		Laboratory Science Elective	4
		Humanities Elective	3
		Foreign Language <i>or</i>	
		Literature Elective	3
COM	143	Speech	3
EDU	284	Educational Psychology <i>or</i>	
PSY	284	Educational Psychology	3
ECO	188	Macroeconomics	3

Fourth Semester Credits: 16

		Laboratory Science Elective	4
		Foreign Language <i>or</i>	
		Literature Elective	3
		Humanities Elective	3
		Free Elective	3
SOC	120	Racial and Ethnic Relations <i>or</i>	
SOC	202	Contemporary Social Problems	3

Total Credits for Degree 66

EMERGENCY SERVICES FIRE SERVICE OPTION

Associate in Applied Science

The Associate in Applied Science in Emergency Services degree is designed to provide college-level education and training to firefighters, emergency medical service (EMS) providers (i.e., First Responders, Emergency Medical Technicians, Paramedics) as well as other emergency responders who serve at this country's first line of defense in emergency and crisis situations. Students who enroll in the Fire Service option must present proof of successful completion of a New Jersey Firefighter-I training program. Students who do not have Firefighter-I certification may substitute FST101 for this requirement.

Curriculum Requirements

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 105	Interpersonal Communications	3

Humanities Credits: 3

Humanities elective	3
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Mathematics and Science Credits: 7

BIO 150	Principles of Human Biology <i>or</i>	
CHE 110	Introduction to Chemistry <i>or</i>	
PHY 110	Physics of Fire Dynamics	4
	Math Elective	3

Social Science Credits: 10

FYE 101	Foundations of Success	1
PSY 101	Introduction to Psychology	3
POL 110	Introduction to Law	3
POL 115	State and Local Government	3

Career Courses Credits: 13

Core Emergency Service Coursework

EMS 100	CPR for the Healthcare Provider	1
EMS 105	First Responder	3
ESS 101	Introduction to Emergency Management	3
ESS 104	Hazardous Materials for the Emergency Responder	3
ESS 204	Management of the Large-Scale Incident	3
CRJ 140	Introduction to Terrorism	3

Fire Coursework Credits: 9

FST 106	Firefighting Strategies and Tactics	3
FST 201	Fire Prevention Administration	3
FST 202	Fire Service Management	3

Fire Electives Credits: 9

Select three from below:

FST 103	Building Construction for the Fire Service	3
FST 107	Fire Service Hydraulics	3
FST 205	Fire Protection Systems	3
FST 207	Fire Investigation	3
CRJ 240	Response to Terrorism	3

Recommended F/T Course Sequence

First Semester Credits: 14

COM 105	Interpersonal Communications	3
ENG 140	English Composition I	3
POL 110	Introduction to Law	3
FYE 101	Foundations of Success	1
MAT	Mathematics Elective ¹	3
EMS 100	CPR for the Healthcare Provider	1

Second Semester Credits: 16

ENG 141	English Composition II	3
	Laboratory Science Elective ²	4
ESS 101	Introduction to Emergency Management	3
FST 106	Firefighting Strategies and Tactics	3
	Fire Elective ³	3

Third Semester Credits: 15

PSY 101	Introduction to Psychology	3
CRJ 140	Introduction to Terrorism	3
ESS 104	Hazardous Materials for the Emergency Responder	3
FST 201	Fire Prevention Administration	3
	Fire Elective ³	3

Fourth Semester Credits: 15

POL 115	State and Local Government	3
	Humanities Elective ⁴	3
ESS 204	Management of the Large-Scale Incident	3
FST 202	Fire Service Management	3
	Fire Elective ³	3

Total Credits for Degree 60

* Fire Academy Graduates may have already earned credits toward your degree at WCCC. Please contact the program coordinator for more details.

¹ Select MAT110 or higher

² Select CHE110 or PHY110

³ Choose 9 credits from: FST103, FST107, FST205, FST207, CRJ240 or EMS105

⁴ Select a course in music, fine arts, literature, foreign language, philosophy, history or religion.

PROGRAMS OF STUDY

ENGLISH

Associate in Arts in Liberal Arts – English Option

The Associate in Arts in Liberal Arts, English Option is a two-year program designed for students who intend to complete a baccalaureate degree at a four-year institution.

Curriculum Requirements

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3

Humanities Credits: 18

HIS 101	Western Civilization I <i>and</i>	
HIS 102	Western Civilization II	6
	<i>or</i>	
HIS 113	American History I <i>and</i>	
HIS 114	American History II	6
	Humanities Electives*	12

*It is suggested that you select four courses from below:

ART 101	Introduction to Art Appreciation	3
MUS 191	Introduction to Music	3
PHI 101	Introduction to Philosophy	3
PHI 215	Ethics and Technology	3
THE 193	Introduction to Theatre	3

Mathematics and Sciences Credits: 17

	Mathematics Electives	6
	Laboratory Sciences Electives	8
CSC 112	Microcomputer Software Applications	3

Social Science Credits: 10

PSY 101	Introduction to Psychology	3
FYE 101	Foundations of Success	1
SOC 103	Introduction to Sociology <i>or</i>	
SOC 120	Racial and Ethnic Relations	3
	Social Science Elective	3

Career Courses Credits: 12

Select four from below:

COM 101	Introduction to Mass Media	3
COM 105	Interpersonal Communication	3
ENG 121	Business Communication	3
ENG 144	Creative Writing Poetry Workshop	3
ENG 150	Creative Writing Fiction Workshop	3
ENG 195	Legal Research and Writing I	3
ENG 196	Legal Research and Writing II	3
ENG 199	Literature on Film	3
ENG 201	British Literature I	3

ENG 202	British Literature II	3
ENG 205	Shakespeare	3
ENG 240	American Literature I	3
ENG 241	American Literature II	3
ENG 242	Women's Literature	3
ENG 244	Modern American Poets	3
ENG 245	The Art of Drama	3
THE 193	Introduction to Theatre	3
THE 194	Introduction to Acting	3

Recommended F/T Course Sequence

First Semester Credits: 17

ENG 140	English Composition I	3
COM 143	Speech	3
	Laboratory Science Elective	4
	Mathematics Elective	3
CSC 112	Microcomputer Software Applications	3
FYE 101	Foundations of Success	1

Second Semester Credits: 19

ENG 141	English Composition II	3
	Laboratory Science Elective	4
	Mathematics Elective	3
HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3
PSY 101	Introduction to Psychology	3
SOC 103	Introduction to Sociology <i>or</i>	
SOC 120	Racial and Ethnic Relations	3

Third Semester Credits: 15

HIS 102	Western Civilization II <i>or</i>	
HIS 114	American History II	3
	Humanities Elective	6
	English Electives	6

Fourth Semester Credits: 15

	Humanities Elective	6
	English Electives	6
	Social Science Elective	3

Total Credits for Degree 66

ENVIRONMENTAL STUDIES

Associate in Science in General Science - Biology Option – Environmental Studies Concentration

The Associate in Science in General Science, Biology Option, Environmental Studies Concentration Program is proposed for students seeking transfer to a four-year program in environmental studies or employment at the Associate's degree level.

Employment opportunities based on a background in environmental studies exist in a diverse number of fields with government, industry, consulting firms, and non-profit groups. Positions include: forest and wildlife resource management, air and water quality, government inspectors, conservation, ecology, environmental management, risk assessors, regulatory compliance, recyclers, and solid and hazardous waste management.

Curriculum Requirements Credits

Communications Credits: 6

ENG 140	English Composition I	3
ENG 141	English Composition II	3

Humanities Credits: 3

Humanities Elective	3
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Social Science Credits: 7

POL 115	State & Local Government	3
FYE 101	Foundations of Success	1
	Social Science Elective	3

Mathematics and Sciences Credits: 14

BIO 162	General Biology I	4
BIO 163	General Biology II	4
CSC 112	Microcomputer Software Applications	3
MAT 151	Statistics	3

*Select two from below** Credits: 6–8

MAT 131	College Algebra	3
MAT 141	Precalculus	3
MAT 201	Calculus I	4
MAT 202	Calculus II	4

Career Courses Credits: 24

BIO 165	Environmental Studies	4
BIO 170	General Ecology	4
CHE 164	General Chemistry I	4
CHE 165	General Chemistry II	4
CHE 210	Organic Chemistry I	4
CHE 211	Organic Chemistry II	4

Recommended F/T Course Sequence

First Semester Credits: 15–16

ENG 140	English Composition I	3
BIO 162	General Biology I	4
MAT	College Algebra <i>or</i> Precalculus <i>or</i> Calculus I	3–4
CHE 164	General Chemistry I	4
FYE 101	Foundations of Success	1

Second Semester Credits: 17–18

ENG 141	English Composition II	3
BIO 163	General Biology II	4
CHE 165	General Chemistry II	4
MAT	Precalculus <i>or</i> Calculus I <i>or</i> Calculus II	3–4
CSC 112	Microcomputer Software Applications	3

Third Semester Credits: 14

BIO 165	Environmental Studies	4
CHE 210	Organic Chemistry I	4
MAT 151	Statistics	3
POL 115	State & Local Government	3

Fourth Semester Credits: 14

BIO 170	General Ecology	4
CHE 211	Organic Chemistry II	4
	Humanities Elective	3
	Social Science Elective	3

Total Credits for Degree 60–62

PROGRAMS OF STUDY

FINE ARTS

Associate in Arts in Liberal Arts

Fine Arts Option

The Associate in Liberal Arts (A.A.) Degree, Fine Arts Option is designed to provide foundational coursework for pursuing a career in visual arts. The program is designed for transfer to a four-year or professional school for more advanced study.

Students who plan to earn a Bachelor's degree in fine arts are encouraged to contact institutions to which they would like to transfer to determine the transfer requirements. An advisor can assist in reviewing that information, selecting electives that will be most appropriate, and planning for successful transfer.

Curriculum Requirements

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3

Humanities Credits: 15

HIS 101	Western Civilization I <i>and</i>	
HIS 102	Western Civilization II	6
	<i>or</i>	
HIS 113	American History I <i>and</i>	
HIS 114	American History II	6
	Foreign Language <i>or</i>	
	Literature	6
	Humanities Electives	3

Social Sciences Credits: 7

FYE 101	Foundations of Success	1
	Social Science Electives	6

Mathematics and Science Credits: 13–14

CSC 103	Introduction to Computing <i>or</i>	
CSC 112	Microcomputer Software	
	Applications	3
	Mathematics Elective	3
	Laboratory Science Elective	4
	Laboratory Science Elective <i>or</i>	
	Mathematics Elective	3–4

Career Courses Credits: 12

ART 116	2D Design	3
ART 117	3D Design	3
ART 201	Drawing	3
	Art History Elective	3

Elective Art Courses

Credits: 6

Select two from below

ART 120	Life Drawing I	3
ART 121	Life Drawing II	3
ART 205	Watercolor	3
ART 207	Introduction to Color Theory	3
ART 211	Painting I	3
ART 212	Painting II	3
CSC 210	Multimedia Authoring	3
GRD 121	Computer Graphics I	3
GRD 131	Desktop Publishing	3

Recommended F/T Course Sequence

First Semester Credits: 16

ENG 140	English Composition I	3
COM 143	Speech	3
HIS 101	Western Civilization I <i>or</i>	
HIS 113	American History I	3
ART 116	2D Design	3
FYE 101	Foundations of Success	1
	Art History Elective	3

Second Semester Credits: 15

ENG 141	English Composition II	3
HIS 102	Western Civilization II <i>or</i>	
HIS 114	American History II	3
ART 201	Drawing	3
	Art Elective	3
	Social Science Elective	3

Third Semester Credits: 15–16

	Social Science Elective	3
CSC 103	Introduction to Computing <i>or</i>	
CSC 112	Microcomputer Software	
	Applications	3
	Art Elective	3
	Foreign Language <i>or</i>	
	Literature	3
	Laboratory Science Elective <i>or</i>	
	Mathematics Elective	3–4

Fourth Semester Credits: 16

ART 117	3D Design	3
	Foreign Language <i>or</i>	
	Literature	3
	Humanities Elective	3
	Laboratory Science Elective	4
	Mathematics Elective	3

Total Credits for Degree

62–63

FOOD AND BEVERAGE MANAGEMENT

Associate in Applied Science

The A.A.S. in Food and Beverage Management is a two-year program designed to prepare students for careers in the culinary field in a management capacity. Courses include both management and culinary courses which will allow students already in this field to hone their skills. Students who have already begun study in this specific field will advance their knowledge and will transfer their learning into practice in chosen areas of food and beverage management.

Curriculum Requirements Credits

General Education Credits: 22

ENG 140	English Composition I	3
ENG 141	English Composition II	3
	Humanities Elective	3
SOC 103	Introduction to Sociology	3
FYE 101	Foundations of Success	1
ECO 188	Macroeconomics <i>or</i>	
PHI 102	Ethics and Moral Problems	3
MAT 111	Mathematical Analysis for Business & Economics	3
CSC 112	Microcomputer Software Applications	3

Career Courses Credits: 40

BUS 120	Business Organization & Management	3
BUS 201	Principles of Marketing	3
FBM 110	Food Preparation I	3
FBM 101	Introduction to Food and Beverage Management	3
FBM 132	Applied Food Service Sanitation	3
FBM 210	Food Preparation II	3
FBM 211	Food, Beverage and Labor Cost Controls	3
FBM 111	Baking and Pastry Arts	3
FBM 230	Hospitality Purchasing	3
FBM 232	Catering Management	3
FBM 233	Beverage Management	3
FBM 242	Commercial Food Service Operation	4
FBM 293	Cooperative Experience	3

Recommended F/T Course Sequence

First Semester Credits: 16

ENG 140	English Composition I	3
MAT 111	Mathematical Analysis for Business & Economics	3
FBM 110	Food Preparation I	3
FBM 101	Introduction to Food and Beverage Management	3
FBM 132	Applied Food Service Sanitation	3
FYE 101	Foundations of Success	1

Second Semester Credits: 15

BUS 120	Business Organization & Management	3
CSC 112	Microcomputer Software Applications	3
FBM 210	Food Preparation II	3
ENG 141	English Composition II	3
FBM 211	Food, Beverage and Labor Cost Controls	3

Third Semester Credits: 15

BUS 201	Principles of Marketing	3
SOC 103	Introduction to Sociology	3
FBM 230	Hospitality Purchasing	3
	Humanities Elective	3
FBM 233	Beverage Management	3

Fourth Semester Credits: 16

FBM 111	Baking and Pastry Arts	3
FBM 231	Convention Management	3
FBM 242	Commercial Food Service Operations	4
FBM 293	Cooperative Experience	3
ECO 188	Macro-economics <i>or</i>	
PHI 102	Ethics and Moral Problems	3

Total Credits 62

PROGRAMS OF STUDY

GRAPHIC AND WEB DESIGN

Associate in Applied Science

Graphic and Web Design Program

The Associate in Applied Science, Graphic and Web Design Program prepares the student for entry-level employment in the graphic and web design fields such as computer graphics, electronic publishing, and multimedia development. In addition to learning the computer skills necessary in today's market, students acquire an in-depth sense of graphic design by taking a series of art, color, and design courses.

Curriculum Requirements		Credits: 25
ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3
PHI 102	Ethics and Moral Problems	3
MAT 131	College Algebra	3
CSC 112	Microcomputer Software Applications	3
FYE 101	Foundations of Success	1
	Social Science Elective	3
	Free Elective	3

Career Courses		Credits: 40
ART 115	Basic Design	3
ART 201	Drawing	3
ART 207	Introduction to Color Theory	3
BUS 255	Introduction to Electronic Commerce	3
CSC 115	Internet: Concepts/Applications	3
CSC 160	Networking Essentials	1
CSC 210	Multimedia Authoring	3
CSC 212	Multimedia for the Web	3
CSC 230	Website Development and Design	3
GRD 121	Computer Graphics I	3
GRD 122	Computer Graphics II	3
GRD 123	Graphics for the Web	3
GRD 131	Desktop Publishing I	3
GRD 132	Desktop Publishing II	3

Recommended F/T Course Sequence

First Semester		Credits: 16
ENG 140	English Composition I	3
ART 115	Basic Design	3
ART 207	Introduction to Color Theory	3
CSC 112	Microcomputer Software Applications	3
GRD 121	Computer Graphics I	3
FYE 101	Foundations of Success	1

Second Semester		Credits: 18
ENG 141	English Composition II	3
COM 143	Speech	3
MAT 131	College Algebra	3
BUS 255	Introduction to Electronic Commerce	3
GRD 122	Computer Graphics II	3
CSC 115	Internet Concepts and Applications	3

Third Semester		Credits: 16
ART 201	Drawing	3
PHI 102	Ethics and Moral Problems	3
GRD 123	Graphics for the Web	3
GRD 131	Desktop Publishing I	3
CSC 160	Networking Essentials	1
CSC 210	Multimedia Authoring	3

Fourth Semester		Credits: 15
CSC 212	Multimedia for the Web	3
CSC 230	Website Development/Design	3
GRD 132	Desktop Publishing II	3
	Social Science Elective	3
	Free Elective	3

Total Credits for Degree	65
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PROGRAMS OF STUDY

GRAPHIC AND WEB DESIGN

Certificate Program

The Certificate in Graphic and Web Design prepares the student for an entry-level position in computer graphics, electronic publishing, or multimedia development. Credits earned in this Certificate may be applied toward an Associate in Applied Science in Graphic and Web Design degree.

Curriculum Requirements

Credits: 7

CSC	112	Microcomputer Software Applications	3
ENG	140	English Composition I	3
FYE	101	Foundations of Success	1

Career Courses

Credits: 24

GRD	121	Computer Graphics I	3
GRD	122	Computer Graphics II	3
GRD	123	Graphics for the Web	3
GRD	131	Desktop Publishing I	3
GRD	132	Desktop Publishing II	3
ART	115	Basic Design	3
CSC	210	Multimedia Authoring I	3
CSC	212	Multimedia for the Web	3

Total Credits**31**

PROGRAMS OF STUDY

HISTORY

Associate in Arts in Liberal Arts

History Option

The Associate in Arts in Liberal Arts, History Option is designed for students preparing to transfer to a four-year college or university to pursue a Bachelor's degree in history. This program provides a strong foundation in history, language and the humanities, preparing the student for a career in history, public history, art history, law, political science, research or education. Courses in this program focus on reading, research, written and oral communication, critical thinking and presentation skills.

Curriculum Requirements

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3

Humanities Credits: 12

HIS 101	Western Civilization I	3
HIS 102	Western Civilization II	3
	Foreign Language <i>or</i>	
	Literature electives	6

Mathematics and Sciences Credits: 17

	Mathematics Electives	6
	Laboratory Sciences Electives	8
CSC 112	Microcomputer Software Applications <i>or</i>	
CSC 103	Introduction to Computing	3

Social Science Credits: 10

FYE 101	Foundations of Success	1
ECO 188	Macroeconomics	3
POL 101	Introduction to American Government <i>or</i>	
POL 201	International Relations	3
	Social Science Elective	3

Career Courses Credits: 15

HIS 113	American History I	3
HIS 114	American History II	3
ART 105	Art History I <i>or</i>	
ART 106	Art History II	3
	History Electives*	6

Recommended F/T Course Sequence

First Semester Credits: 16

ENG 140	English Composition I	3
HIS 101	Western Civilization I	3
COM 143	Speech	3
CSC 112	Microcomputer Software Applications <i>or</i> CSC 103	3
	Mathematics Elective	3
FYE 101	Foundations of Success	1

Second Semester Credits: 16

ENG 141	English Composition II	3
HIS 102	Western Civilization II	3
ECO 188	Macroeconomics	3
POL 101	Introduction to American Government <i>or</i>	
POL 201	International Relation**	3
	Laboratory Science Elective	4

Third Semester Credits: 16

HIS 113	American History I	3
ART 105	Art History I <i>or</i>	
ART 106	Art History II	3
	Foreign Language <i>or</i>	
	Literature Elective	3
	History Elective	3
	Laboratory Science Elective	4

Fourth Semester Credits: 15

HIS 114	American History II	3
	Foreign Language <i>or</i>	
	Literature Elective	3
	Social Science** <i>or</i>	
	Humanities Elective	3
	History Elective	3
	Social Science <i>or</i>	
	Mathematics* Elective	3

Total Credits for Degree 63

*Students who opt to take CSC112 instead of CSC103 must select the Math Elective in semester four

**Students who opt to take POL201 instead of POL101 must select the Social Science elective in semester four to satisfy their General Education Requirements.

LIBERAL ARTS

Associate in Arts in Liberal Arts Pre-Professional Program

The Associate in Arts in Liberal Arts Degree program is a two-year course of study that prepares students to transfer to a four-year college or university after completing the Associate's Degree at WCCC. In most circumstances, students would enter the junior year of a baccalaureate degree program in a variety of academic or professional disciplines, including education, social services, business, pre-law, or disciplines of English, mathematics, psychology, sociology, humanities, history, political science, and foreign languages.

Curriculum Requirements

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3

Humanities Credits: 18

HIS 101	Western Civilization I	3
HIS 102	Western Civilization II	3
	Foreign Language <i>or</i>	
	Literature Electives	6
	Humanities Electives	6

Social Science Credits: 7

ECO 188	Macroeconomics	3
FYE 101	Foundations of Success	1
	Social Science Elective	3

Mathematics and Sciences Credits: 17

CSC 112	Microcomputer Software Applications	3
	Laboratory Science Electives	8
	Mathematics Electives	6

Electives Credits: 15

	Liberal Arts	12
	Free Elective	3

Recommended F/T Course Sequence

First Semester Credits: 16

ENG 140	English Composition I	3
HIS 101	Western Civilization I	3
COM 143	Speech	3
CSC 112	Microcomputer Software Applications	3
	Mathematics Elective	3
FYE 101	Foundations of Success	1

Second Semester Credits: 15

ENG 141	English Composition II	3
HIS 102	Western Civilization II	3
ECO 188	Macroeconomics	3
	Humanities Elective	3
	Mathematics Elective	3

Third Semester Credits: 19

	Laboratory Science Elective	4
	Humanities Elective	3
	Foreign Language <i>or</i>	
	Literature Elective	3
	Liberal Arts Electives	6
	Social Science Elective	3

Fourth Semester Credits: 16

	Laboratory Science Elective	4
	Foreign Language <i>or</i>	
	Literature Elective	3
	Liberal Arts Electives	6
	Free Elective	3

Total Credits for Degree 66

PROGRAMS OF STUDY

MEDICAL ASSISTING

Associate in Applied Science

The Associate in Applied Science in Medical Assisting is designed to provide college-level education and preparation to students who wish to enter the field of Medical Assisting. This degree program is an extension of the career-track certificate offered through the continuing education department. Graduates of the A.A.S. degree program are also issued a certificate in Medical Assisting. Upon completion of the program, students are eligible to sit for the CMA examination, offered through the American Association of Medical Assistants.

This Medical Assisting degree program prepares students for positions as medical assistants in physician's offices and other outpatient, ambulatory care facilities. The A.A.S. in Medical Assisting is a terminal degree; however, general education courses may be transferred to a 4-year institution. Students may choose to continue in the field of Nursing, Health and Hospital Care Administration, or a variety of other allied health care programs.

Curriculum Requirements

General Education Credits: 30

ENG 140	English Composition I	3
ENG 141	English Composition II	3
CSC 112	Microcomputer Software Applications	3
	Humanities Elective	3
PSY 175	Human Growth & Development	3
FYE 101	Foundations of Success	1
SOC	Social Science Elective	3
BIO 264	Microbiology	4
CHE 110	Introductory Chemistry	4
MAT 111	Math Analysis for Business and Economics <i>or</i>	
MAT 151	Statistics	3

Career Courses Credits: 33

MED 176	Introductory Anatomy, Physiology, Pathology	3
MED 179	Therapeutic Communications	3
MED 177	Medical Terminology	3
MED 178	Pharmacology & Medication Administration	3
MED 180	Medical Office Lab	3
MED 181	Clinical Assisting	3
MED 182	Healthcare Law & Ethics	3
MED 185	Insurance/Coding/Managed Care	3

MED 186	Medical Office Procedures	3
MED 187	Computerized Office Procedures	3
MED 224	Practicum	3

Recommended F/T Course Sequence

Summer Semester Credits: 8

FYE 101	Foundations of Success	1
CSC 112	Microcomputer Applications	3
CHE 110	Introductory Chemistry	4

Fall Semester Credits: 18

ENG 140	English Composition I	3
MED 176	Introductory Anatomy, Physiology, Pathology	3
MED 177	Medical Terminology	3
MED 182	Health Care Law & Ethics	3
MED 187	Computerized Office Procedures	3
	Humanities Elective	3

Spring Semester Credits: 18

MED 185	Insurance/Coding/Managed Care	3
MED 179	Therapeutic Communications	3
MED 186	Medical Office Procedures	3
MED 178	Pharmacology & Medication Administration	3
MED 180	Medical Office Laboratory	3
MED 181	Clinical Assisting	3

Fall Semester Credits: 16

BIO 264	Microbiology	4
ENG 141	English Composition II	3
MAT 111	Math Analysis for Business and Economics <i>or</i>	
MAT 151	Statistics	3
PSY 175	Human Growth & Development	3
	Social Science Elective	3

Spring Semester Credits: 3

MED 224	Practicum	3
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Total Credits for Degree 63

NURSE EDUCATION

Associate in Science in Nursing

The WCCC Nurse Education Program is an integral part of its parent institution and therefore is committed to the mission of building a community of learners through the provision of accessible, quality learning opportunities designed to meet personal goals and aspirations. The Associate in Science Degree Program in Nurse Education prepares students for the National Council of State Boards of Nursing. Registered Nurse Licensure examination (NCLEX-RN). Admission to the Nurse Education Program is highly competitive and students must fulfill special admission requirements. The Nurse Education Program reserves the right to cancel courses due to insufficient enrollment or lack of qualified faculty or affiliating agencies. Moreover, WCCC reserves the right to schedule classes at any time, including evenings and weekends. No student will be registered who has an outstanding obligation to WCCC. Please contact the Warren County Community College Office of Student Services at (908) 835-2300 for complete admission information. WCCC Nurse Education Program has been granted full accreditation from the New Jersey Board of Nursing, 124 Halsey Street, 6th Floor, Newark, NJ 07102; Ph: (973) 504-6430; www.NJConsumerAffairs.gov and Accreditation Commission for Education in Nursing, Inc. (ACEN) (formerly National League for Nursing Accreditation Commission - NLNAC) 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, Phone: (404) 975-5000, Fax: (404) 975-5000, www.acenursing.org

Curriculum Requirements

Communications		Credits: 6
ENG 140	English Composition I	3
ENG 141	English Composition II	3
Computer Science		Credits: 3
CSC 112	Microcomputer Software Applications	3
Humanities		Credits: 3
	Humanities Elective	3
Social Science		Credits: 7
PSY 101	Introduction to Psychology	3
PSY 175	Human Growth & Development	3
FYE 101	Foundations of Success	1
Sciences		Credits: 16
BIO 262	Anatomy & Physiology I*	4
BIO 263	Anatomy & Physiology II*	4
BIO 264	Microbiology*	4
CHE 110	Introductory Chemistry*	4

*NOTE: A grade of "C+" or higher is required in all Nursing courses in order to advance in the program.

Nursing Courses Credits: 34

Year One - Fall

NSG 101	Nursing I	6
NSG 102	Nursing II	1

Year One - Spring

NSG 103	Nursing III	8
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Year Two - Fall

NSG 204	Nursing IV	9
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Year Two - Spring

NSG 205	Nursing V	8
NSG 206	Nursing VI	2

*NOTE: A grade of "C+" or higher is required in all Nursing courses.

Recommended F/T Course Sequence

Year One - Summer Credits: 8

CHE 110	Introductory Chemistry	4
CSC 112	Microcomputer Software Applications	3
FYE 101	Foundations of Success	1

Year One - Fall Credits: 17

ENG 140	English Composition I	3
BIO 262	Anatomy & Physiology I	4
PSY 101	Introduction to Psychology	3
NSG 101	Nursing I	6
NSG 102	Nursing II	1

Year One - Spring Credits: 15

BIO 263	Anatomy & Physiology II	4
ENG 141	English Composition II	3
NSG 103	Nursing III	8

Year Two - Summer Credits: 4

BIO 264	Microbiology	4
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Year Two - Fall Credits: 12

NSG 204	Nursing IV	9
PSY 175	Human Growth & Development	3

Year Two - Spring Credits: 13

NSG 205	Nursing V	8
	Humanities Elective	3
NSG 206	Nursing VI	2

Total Credits for Degree 69

Please note that course fees are charged on a semester basis as detailed on p.18 of this catalog.

PROGRAMS OF STUDY

OCCUPATIONAL THERAPY ASSISTANT

Associate in Science

Joint program with Rutgers

This joint program prepares Occupational Therapy Assistants (OTA) as professional practitioners who will contribute to the health and well-being of individuals by enabling participation in meaningful occupations and adaptation to challenging life circumstances. Graduates of the OTA program will be eligible to sit for the national Certified Occupational Therapy Assistant (COTA) examination. Once licensed, COTAs can pursue entry-level positions in healthcare, educational, and community settings and work under the supervision of an occupational therapist (OT). In these settings, the COTA works with individuals who are challenged by disability, trauma, and/or the aging process to develop, restore, or enhance their occupational performance and participation. Students complete a minimum of 16 credits at WCCC before applying to Rutgers for the professional phase of the OTA Program. Speak with an advisor in Student Services for more information.

Curriculum Requirements

General Education Requirements **1**

ENG 140	English Composition I	3
ENG 141	English Composition II	3
PHI 102	Ethics and Moral Problems	3
PSY 101	Introduction to Psychology	3
PSY 175	Human Growth & Development	3
SOC 103	Introduction to Sociology	3
SOC 120	Racial and Ethnic Relations	3
BIO 262	Anatomy & Physiology I	4
BIO 263	Anatomy & Physiology II	4
MAT 131	College Algebra <i>or</i>	
MAT 151	Statistics	3

Total WCCC Credits 32

Career Courses²

OCTH 1019	Occupational Therapy Foundations	4
OCTH 1020	Lifespan Occupations: Analysis of Performance Skills and Capabilities	3
OCTH 1031	Conditions Impacting Occupation, Participation, and Health I	2
OCTH 1032	Conditions Impacting Occupation, Participation, and Health II	2
OCTH 1040	Recovery and Wellness	2
OCTH 1050	OTA Skills Across Practice Settings	3
OCTH 1081	Professional Seminar I	1
OCTH 1619	Principles and Practices I	4
OCTH 1629	Principles and Practices II	4
OCTH 2019	OTA Practice: Adult/Older Adult	5
OCTH 2029	OTA Practice: Child/Adolescent	5

OCTH 2082	Professional Seminar II	1
PSRT 1102	Communication Techniques	3
PRST 1103	Group Dynamics	3

Total Rutgers Credits 42

Recommended F/T Course Sequence Credits

First Semester Credits: 16

ENG 140	English Composition I	3
PSY 101	Introduction to Psychology	3
BIO 262	Anatomy & Physiology I	4
MAT 131	College Algebra <i>or</i>	
MAT 151	Statistics	3
PHI 102	Ethics and Moral Problems	3

Second Semester Credits: 16

ENG 141	English Composition II	3
BIO 263	Anatomy & Physiology II	4
SOC 103	Introduction to Sociology	3
PSY 175	Human Growth & Development	3
SOC 120	Racial and Ethnic Relations	3

Third Semester² Credits: 12

OCTH 1019	Occupational Therapy Foundations	4
PSRT 1102	Communication Techniques	3
OCTH 1020	Lifespan Occupations: Analysis of Performance Skills and Capabilities	3
OCTH 1031	Conditions Impacting Occupation, Participation, and Health I	2

Fourth Semester² Credits: 12

PRST 1103	Group Dynamics	3
OCTH 1040	Recovery and Wellness	2
OCTH 1050	OTA Skills Across Practice Settings	3
OCTH 1619	Principles & Practices I	4

Summer One² Credits: 6

OCTH 1032	Conditions Impacting Occupation, Participation, and Health II	2
OCTH 1629	Principles & Practices II	3
OCTH 1081	Professional Seminar	1

Fifth Semester² Credits: 12

OCTH 2019	OTA Practice: Adult/Older Adult	5
OCTH 2029	OTA Practice: Child/Adolescent	5
OCTH 2082	Professional Seminar II	2

Total Credits for Degree 74

Please note that these are sample sequences only, and actual course sequences may be affected by course availability.

¹Students must complete 16 credits before applying to Rutgers professional phase. Admission to WCCC and completion of the prerequisite courses therein does not guarantee admission to the Rutgers OTA professional curriculum. All admission decisions to the professional phase of the OTA program at Rutgers are made by an Admissions Committee designated by Rutgers.

²Courses are web-based or meet at Rutgers campus in the evening. Rutgers tuition rates apply.

PRE-LAW

Associate in Arts in Liberal Arts – Pre-Law Option

The Associate in Arts in Liberal Arts, Pre-Law Option Program allows students to explore general concepts of business law, the American Court system and our political structure. Students are encouraged to develop legal research and writing skills. This program affords liberal arts students an opportunity to explore the legal field to ascertain whether they wish to pursue degrees, graduate studies, and career choices relating to law.

Curriculum Requirements

Communications Credits: 9

ENG	140	English Composition I	3
ENG	141	English Composition II	3
COM	143	Speech	3

Humanities Credits: 18

HIS	101	Western Civilization I <i>and</i>	
HIS	102	Western Civilization II	6
		<i>or</i>	
HIS	113	American History I <i>and</i>	
HIS	114	American History II	6
		Foreign Language <i>or</i>	
		Literature Electives	6
		Humanities Electives	6

Social Science Credits: 7

ECO	188	Macroeconomics	3
FYE	101	Foundations of Success	1
		Social Science Elective	3

Mathematics and Science Credits: 14

CSC	112	Microcomputer Software Applications	3
		Mathematics Electives	3
		Laboratory Science Electives*	8

Career Courses Credits: 15

LST	195	Legal Research & Writing I	3
LST	196	Legal Research & Writing II	3
HIS	113	American History I	3
HIS	114	American History II	3
POL	101	Introduction to American Government <i>or</i>	
POL	110	Introduction to Law	3

Recommended F/T Course Sequence

First Semester Credits: 16

ENG	140	English Composition I	3
HIS	101	Western Civilization I <i>or</i>	
HIS	113	American History I	3
COM	143	Speech	3
POL	101	Introduction to American Government <i>or</i>	
POL	110	Introduction to Law	3
		Mathematics Elective	3
FYE	101	Foundations of Success	1

Second Semester Credits: 15

ENG	141	English Composition II	3
HIS	102	Western Civilization II <i>or</i>	
HIS	114	American History II	3
ECO	188	Macroeconomics	3
		Social Science Elective	3
LST	195	Legal Research and Writing I	3

Third Semester Credits: 16

CSC	112	Microcomputer Software Applications	3
HIS	113	American History I	3
LST	196	Legal Research and Writing II	3
		Foreign Language <i>or</i>	
		Literature Elective	3
		Laboratory Science Elective	4

Fourth Semester Credits: 16

HIS	114	American History II	3
		Foreign Language <i>or</i>	
		Literature Elective	3
		Humanities Electives	6
		Laboratory Science Elective	4

Total Credits for Degree 63

*General Biology I and II are recommended.

PROGRAMS OF STUDY

PSYCHOSOCIAL REHABILITATION AND TREATMENT

Associate in Science

Joint Program with Rutgers

This joint degree program prepares students for a career assisting individuals with psychiatric disabilities in a variety of community settings that provide social, vocational, residential, and case management services. Students complete a minimum of 18 credits at WCCC before applying to Rutgers for completion of their associate degree. Speak with an advisor in Student Services for more information.

Curriculum Requirements

General Education¹

ENG	140	English Composition I	3
ENG	141	English Composition II	3
COM	105	Interpersonal Communication <i>or</i>	
COM	143	Speech	3
CSC	112	Microcomputer Software Applications	3
MAT	131	College Algebra	3
PSY	101	Introduction to Psychology	3
BIO	150	Contemporary Issues in Human Biology	4
SOC	103	Introduction to Sociology	3
PSY	183	Social Psychology	3
PHI	101	Introduction to Philosophy	3

Total WCCC Credits 31

Career Courses²

PSRT	1101*	Intro to Principles of Psychosocial Rehabilitation	3
PSRT	1102	Communication Techniques for Interviewing and Counseling	3
PSRT	1103	Introduction to Group Activities	3
PSRT	1204	Clinical Principles in Psychosocial Rehabilitation	3
PSRT	1019	Clinical Practice in PSR I	6
PSRT	2121	Community Resource Management	3
PSRT	2019	Clinical Practicum in PSR II	6
PSRT	2231	Emerging Topics in Psychological Rehabilitation	3

Total Rutgers Credits 30

Recommended F/T Course Sequence

First Semester Credits: 15

ENG	140	English Composition I	3
COM	105	Interpersonal Communication <i>or</i>	
COM	143	Speech I	3
CSC	112	Microcomputer Software Applications	3
SOC	103	Introduction to Sociology	3
PSY	101	Introduction to Psychology	3

Second Semester Credits: 16

ENG	141	English Composition II	3
MAT	131	College Algebra	3
BIO	150	Principles of Human Biology	4
PSY	183	Social Psychology	3
PHI	101	Introduction to Philosophy	3

Third Semester² Credits: 18

PSRT	1101*	Introduction to Principles of Psychosocial Rehabilitation	3
		<i>Equivalent WCCC course PSY299</i>	
PSRT	1102	Communication Techniques for Interviewing and Counseling	3
PSRT	1103	Introduction to Group Activities	3
PSRT	1204	Clinical Principles in Psychosocial Rehabilitation	3
PSRT	1019	Clinical Practice in PSR I	6

Fourth Semester² Credits: 12

PSRT	2121	Community Resource Management	3
PSRT	2019	Clinical Practicum in PSR II	6
PSRT	2231	Emerging Topics in Psychosocial Rehabilitation	3

Total Credits for Degree 61

Please note that these are sample sequences only, and actual course sequences may be affected by course availability.

¹ Students must complete 18 credits including ENG140 and ENG141 with 2.0 or better before applying to Rutgers professional phase

² Courses are web-based or meet at Scotch Plains campus in the evening. Rutgers tuition rates apply. Practicums are available within the student's community

* This course may be taken at WCCC prior to entering the professional phase of the program

RESPIRATORY CARE*

*last start date for this program is projected to be Fall 2016

Associate in Science

Joint Program with Rutgers

This joint degree program prepares students for a career as a respiratory care practitioner. Successful completion of the program provides eligibility for licensing in New Jersey and allows graduates to sit for credentialing examinations. Students must complete all of the general education requirements with a 2.5 or better before applying to Rutgers for entry into the professional phase of the program. Speak with an advisor in Student Services for additional information.

Curriculum Requirements

General Education¹

FYE	101	Foundations of Success	1
ENG	140	English Composition I	3
ENG	141	English Composition II	3
MAT	131	College Algebra	3
CHE	110	Introduction to Chemistry	4
BIO	262	Anatomy & Physiology I	4
BIO	263	Anatomy & Physiology II	4
BIO	264	Microbiology	4
PSY	101	Introduction to Psychology	3
SOC	120	Racial & Ethnic Relations	3
PHI	102	Ethics & Moral Problems	3
PHI	251	Perspectives on Death & Dying	3
PSY	290	Health Psychology	3

Total WCCC Credits **41**

Career Courses²

RSTN	2000	Core Concepts in Respiratory Care	2
RSTN	2100	Fundamentals of Respiratory Care	4
RSTN	2231	Applied Cardiopulmonary Pathophysiology I	3
RSTN	2232	Applied Cardiopulmonary Pathophysiology II	2
RSTN	2189	Clinical Practice I	1
RSTN	2250	Principles of Ventilatory Support	5
RSTN	2220	Cardiopulmonary Pharmacology	3
RSTN	2230	Cardiopulmonary Evaluation	3
RSTN	2289	Clinical Practice II	2
RSTN	2255	Pediatric and Neonatal Respiratory Care	3
RSTN	2340	Patient Management in Critical Care	3
RSTN	2389	Clinical Practice III	3
RSTN	2370	Long-Term, Home and Rehabilitative Care	3

Total Rutgers Credits

37

Recommended F/T Course Sequence

First Semester			Credits: 21
FYE	101	Foundations of Success	1
ENG	140	English Composition I	3
MAT	131	College Algebra	3
CHE	110	Introduction to Chemistry	4
BIO	262	Anatomy & Physiology I	4
PSY	101	Introduction to Psychology	3
PHI	102	Ethics & Moral Problems	3

Second Semester			Credits: 20
ENG	141	English Composition II	3
BIO	263	Anatomy & Physiology II	4
BIO	264	Microbiology	4
SOC	120	Racial & Ethnic Relations	3
PHI	251	Perspectives on Death & Dying	3
PSY	290	Health Psychology	3

Third Semester			Credits: 10
RSTN	2000	Core Concepts in Respiratory Care	2
RSTN	2100	Fundamentals of Respiratory Care	4
RSTN	2231	Applied Cardiopulmonary Pathophysiology I	3
RSTN	2189	Clinical Practice I	1

Fourth Semester			Credits: 15
RSTN	2232	Applied Cardiopulmonary Pathophysiology II	2
RSTN	2250	Principles of Ventilatory Support	5
RSTN	2220	Cardiopulmonary Pharmacology	3
RSTN	2230	Cardiopulmonary Evaluation	3
RSTN	2289	Clinical Practice II	2

Fifth Semester			Credits: 12
RSTN	2255	Pediatric and Neonatal Respiratory Care	3
RSTN	2340	Patient Management in Critical Care	3
RSTN	2389	Clinical Practice III	3
RSTN	2370	Long-Term, Home and Rehabilitative Care	3

Total Credits for Degree **78**

Please note that these are sample sequences only, and actual course sequences may be affected by course availability.

¹ Students must complete a minimum of 34 credits with a 2.5 or better (C+ in all sciences) before applying to Rutgers for the professional phase of the program

² To be completed at Rutgers

PROGRAMS OF STUDY

SCIENCE

Associate in Science – General Science Program

The Associate in Science Degree in General Science Program is recommended for students who are interested in science but are unsure which concentration they would like to pursue. The A.S. in General Science is recommended for students who have identified a specific four-year college program and need to fulfill prerequisites to enroll in a four-year transfer program.

Curriculum Requirements

Communications Credits: 6

ENG 140	English Composition I	3
ENG 141	English composition II	3

Humanities Credits: 3

Humanities Elective	3
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Social Science Credits: 7

FYE	101	Foundations of Success	1
PSY	101	Introduction to Psychology	3
		Social Science Elective	3

Mathematics and Sciences* Credits: 22

CHE 164	General Chemistry I	4
CHE 165	General Chemistry II	4
CSC 112	Microcomputer Software Applications	3
MAT 151	Statistics	3
BIO 162	General Biology I	4
BIO 163	General Biology II	4

*Select two from below: 6–8

MAT 131	College Algebra	3
MAT 141	Precalculus	3
MAT 201	Calculus I	4
MAT 202	Calculus II	4

Career Courses Credits: 16

CHE 210	Organic Chemistry I	4
CHE 211	Organic Chemistry II	4
	Biology Science Elective**	8

**Choice of either:

BIO 262	Anatomy & Physiology I	4
BIO 263	Anatomy & Physiology II	4

Or two of the six below: 4–8

BIO 165	Environmental Studies	4
BIO 170	Ecology	4
BIO 200	Genetics	3
BIO 210	Comparative Anatomy	4

BIO 220	Evolutionary Biology	4
BIO 264	Microbiology	4

Recommended F/T Course Sequence

First Semester Credits: 15–16

ENG 140	English Composition I	3
BIO 162	General Biology I	4
CHE 164	General Chemistry I	4
MAT	College Algebra <i>or</i> Precalculus <i>or</i> Calculus I	3–4
FYE 101	Foundations of Success	1

Second Semester Credits: 17–18

ENG 141	English Composition II	3
BIO 163	General Biology II	4
CHE 165	General Chemistry II	4
MAT	Precalculus <i>or</i> Calculus I <i>or</i> Calculus II	3–4
CSC 112	Microcomputer Software Applications	3

Third Semester Credits: 14

CHE 210	Organic Chemistry I	4
	Biology Science Elective*	4
MAT 151	Statistics	3
PSY 101	Introduction to Psychology	3

Fourth Semester Credits: 14

CHE 211	Organic Chemistry II	4
	Biology Science Elective*	4
	Social Science Elective	3
	Humanities Elective	3

Total Credits for Degree 60–62

*BIO 262 Anatomy & Physiology I and BIO 263 Anatomy & Physiology II or two of the three following courses: BIO 165 Environmental Studies, BIO 170 Ecology, and BIO 264 Microbiology

PROGRAMS OF STUDY

SECURITY AND LOSS PREVENTION

Certificate Program

This certificate is recommended for students with an interest in security and loss prevention. The program integrates basic criminal justice courses with an emphasis on security and loss prevention. This program will provide a strong foundation for entrance or advancement into the field.

Curriculum Requirements			Credits: 16
ENG	140	English Composition I	3
PSY	101	Introduction to Psychology	3
FYE	101	Foundations of Success	1
SOC	103	Introduction to Sociology	3
SOC	120	Racial and Ethnic Relations	3
SOC	202	Contemporary Social Issues	3

Career Courses			Credits: 15
CRJ	105	Introduction to Criminal Justice	3
CRJ	110	Criminology	3
CRJ	130	Criminal Law	3
CJS	105	Exploring Security Essentials	3
CJS	205	Security Management	3

Total Credits	31
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PROGRAMS OF STUDY

SMALL BUSINESS MANAGEMENT

Associate in Applied Science in Business Management – Small Business Management Option

The Associate in Applied Science (A.A.S.) Degree, Small Business Management Option is a two-year program designed to prepare students for small business management careers in a variety of business fields.

Curriculum Requirements

Communications Credits: 9

ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3

Humanities Credits: 3

	Humanities Elective	3
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Social Science Credits: 7

	Social Science Electives	6
FYE 101	Foundations of Success	1

Mathematics/Science Credits: 26

	Laboratory Science Elective	4
	Mathematics Elective	3

Career Courses Credits: 39

ACC 101	Principles of Accounting I	3
ACC 102	Principles of Accounting II	3
BUS 120	Business Organization and Management	3
BUS 122	Business Law I	3
BUS 124	Principles of Management	3
BUS 201	Principles of Marketing	3
BUS 221	Small Business Management	3
BUS 224	Personnel Management	3
	Business Electives	9
CSC 103	Introduction to Computing	3
ECO 188	Macroeconomics	3

Recommended F/T Course Sequence Credits

First Semester Credits: 16

ENG 140	English Composition I	3
COM 143	Speech	3
ACC 101	Principles of Accounting I	3
BUS 120	Business Organization & Management	3
CSC 103	Introduction to Computing	3
FYE 101	Foundations of Success	1

Second Semester Credits: 15

ENG 141	English Composition II	3
BUS 122	Business Law I	3
	Mathematics Elective	3
BUS 124	Principles of Management	3
ACC 102	Principles of Accounting II	3

Third Semester Credits: 16

	Social Science Elective	3
	Laboratory Science Elective	4
BUS 201	Principles of Marketing	3
ECO 188	Macroeconomics	3
	Business Elective	3

Fourth Semester Credits: 18

	Social Science Elective	3
	Humanities Elective	3
BUS 224	Personnel Management	3
BUS 221	Small Business Management	3
	Business Electives	6

Total Credits for Degree 65

PROGRAMS OF STUDY

SMALL BUSINESS MANAGEMENT

Certificate Program

The Certificate in Small Business Management prepares the students for entry-level positions in business. All credits earned may be applied toward an Associate in Applied Science in Business Management degree in either the Business Management Program or the Small Business Management Option.

Curriculum Requirements			Credits: 10
ECO	188	Macroeconomics	3
ENG	140	English Composition I	3
MAT	111	Mathematical Analysis for Business & Economics	3
FYE	101	Foundations of Success	1

Career Courses			Credits: 21
ACC	101	Principles of Accounting I	3
ACC	102	Principles of Accounting II	3
BUS	120	Business Organization & Management	3
BUS	124	Principles of Management	3
BUS	201	Principles of Marketing	3
BUS	221	Small Business Management	3
BUS	228	Principles of Finance	3

Total Credits **31**

PROGRAMS OF STUDY

SOCIAL SCIENCE

Associate in Arts in Liberal Arts Social Science Option

The Associate in Arts in Liberal Arts, Social Science Option enables students to concentrate studies in areas of sociology, psychology, social work, economics, history, or political science.

This program is designed to prepare students for transfer to colleges and universities to earn a baccalaureate degree in any of the social science fields, including psychology and social work.

Curriculum Requirements

Communications Credits: 9

ENG	140	English Composition I	3
ENG	141	English Composition II	3
COM	143	Speech	3

Humanities Credits: 18

HIS	101	Western Civilization I <i>and</i>	
HIS	102	Western Civilization II	6
		<i>or</i>	
HIS	113	American History I <i>and</i>	
HIS	114	American History II	6
		Foreign Language <i>or</i>	
		Literature Electives	6
		Humanities Electives	6

Social Science Credits: 7

PSY	101	Introduction to Psychology	3
FYE	101	Foundations of Success	1
SOC	103	Introduction to Sociology	3

Mathematics and Science Credits: 17

CSC	112	Microcomputer Software	
		Applications	3
MAT	131	College Algebra	3
MAT	151	Statistics	3
		Laboratory Science Electives	8

Career Courses Credits: 15

		Social Science Electives*	15
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Total Credits for Degree 66

Recommended F/T Course Sequence Credits

First Semester Credits: 16

ENG	140	English Composition I	3
HIS	101	Western Civilization I <i>or</i>	
HIS	113	American History I	3
COM	143	Speech	3
CSC	112	Microcomputer Software	
		Applications	3
MAT	131	College Algebra	3
FYE	101	Foundations of Success	1

Second Semester Credits: 15

ENG	141	English Composition II	3
HIS	102	Western Civilization II <i>or</i>	
HIS	114	American History II	3
MAT	151	Statistics	3
PSY	101	Introduction to Psychology	3
SOC	103	Introduction to Sociology	3
		Humanities Elective	3

Third Semester Credits: 19

		Laboratory Science Elective	4
		Foreign Language <i>or</i>	
		Literature Elective	3
		Humanities Elective	6
		Social Science Electives	6

Fourth Semester Credits: 16

		Laboratory Science Elective	4
		Foreign Language <i>or</i>	
		Literature Elective	3
		Social Science Elective	9

Total Credits for Degree 66

*Social Science electives can only be from the following courses prefixed by ANT, CRJ, PSY, or SOC.

TECHNICAL STUDIES

Associate in Applied Science

This program is designed for students who are enrolled in or graduated from an approved corporate, industrial, military training program. Students choose a concentration in Automotive Technology, Business, Computer Science, Criminal Justice, or Food and Beverage Management. Interested students must meet with an advisor in Student Services to verify appropriate previous learning before being permitted to enter the program.

Curriculum Requirements		Credits: 27
ENG 140	English Composition I	3
ENG 141	English Composition II	3
FYE 101	Foundations of Success	1
COM 143	Speech I <i>or</i>	
COM 121	Business Communications	3
CSC 103	Introduction to Computing	3
MAT	Math Elective (4 credits)	4
	Laboratory Science Elective	4
PSY 101	Introduction to Psychology <i>or</i>	
SOC 103	Introduction to Sociology	3
	Humanities Elective	3
Career Courses		Credits: 34
	Technical Studies Credit ¹ <i>or</i>	
	Technical Elective ³	16
	Technical Concentration ²	15
BUS/CSC 511	Internship/Co-op	3
Total Credits for Degree		61

Recommended F/T Course Sequence Credits

First Semester		Credits: 18
ENG 140	English Composition I	3
CSC 103	Introduction to Computing	3
FYE 101	Foundations of Success	1
MAT	Math Elective	4
	Technical Studies Credit ¹	4
	Technical Concentration ²	3
Second Semester		Credits: 14
ENG 141	English Composition II	3
	Laboratory Science Elective	4
	Technical Studies Credit ¹	4
	Technical Concentration ²	3
Third Semester		Credits: 13
COM 143	Speech <i>or</i>	
COM 121	Business Communications	3
	Technical Studies Credit ¹ <i>or</i>	
	Technical Elective ³	4
PSY 101	Introduction to Psychology <i>or</i>	
SOC 103	Introduction to Sociology	3
	Technical Concentration ²	3
Fourth Semester		Credits: 16
	Technical Studies Credit ¹ <i>or</i>	
	Technical Elective ³	4
	Technical Concentration ²	6
BUS/CSC 511	Internship/Co-op	3
	Humanities Elective	3
Total Credits for Degree		61

¹ 3–16 Technical Studies credits may be earned for corporate, industrial, or military training programs after review by faculty assessor of related program.

^{**} Individuals without sufficient technical training experience must select up to 4 sequential courses in one of the Concentrations listed below to satisfy the Technical Studies credit requirements.

² Select from one of the following concentrations: Business, Computer Science (courses must be approved by appropriate faculty advisor)

³ Technical electives may be selected from technology curricula available through partnership with Raritan Valley Community College, to include, but not limited to Computer Technology, Engineering Technology, higher Mathematics and Sciences. All courses should be selected with assistance from an advisor.

PROGRAMS OF STUDY

WEB DEVELOPMENT

Associate in Applied Science in Graphic and Web Design – Web Development Option

The Associate in Applied Science in Graphic and Web Design, Web Development Option Program will prepare students for entry-level employment in website design and development. In addition to acquiring the skills to become a Webmaster, students also learn the technical side of website development by taking courses in programming, networking, data communications and database management.

Curriculum Requirements		Credits: 25
ENG 140	English Composition I	3
ENG 141	English Composition II	3
COM 143	Speech	3
PHI 203	Ethics & Technology	3
MAT 131	College Algebra	3
CSC 103	Introduction to Computing	3
FYE 101	Foundations of Success	1
	Social Science Elective	3
	Free Elective	3

Career Courses		Credits: 40
ART 115	Basic Design	3
BUS 255	Introduction to Electronic Commerce	3
CSC 115	Internet Concepts/Applications	3
CSC 120	Data Communications	3
CSC 121	Programming I (C++)	3
CSC 150	UNIX	3
CSC 160	Networking Essentials	1
CSC 200	Database Management Concepts	3
CSC 212	Multimedia for the Web	3
CSC 230	Website Development & Design	3
CSC 235	Advanced Web Applications	3
GRD 121	Computer Graphics I	3
GRD 123	Graphics for the Web	3
GRD 131	Desktop Publishing I	3

Total Credits for Degree 65

Recommended F/T Course Sequence

First Semester		Credits: 16
ENG 140	English Composition I	3
ART 115	Basic Design	3
CSC 103	Introduction to Computing	3
GRD 121	Computer Graphics I	3
MAT 131	College Algebra	3
FYE 101	Foundations of Success	1

Second Semester		Credits: 18
ENG 141	English Composition II	3
COM 143	Speech	3
CSC 115	Internet Concepts & Applications	3
CSC 120	Data Communications	3
CSC 150	UNIX	3
BUS 255	Introduction to Electronic Commerce	3

Third Semester		Credits: 16
PHI 203	Ethics & Technology	3
CSC 121	Programming I	3
CSC 160	Networking Essentials	1
CSC 230	Website Development & Design	3
GRD 123	Graphics for the Web	3
GRD 131	Desktop Publishing I	3

Fourth Semester		Credits: 15
CSC 200	Database Management Concepts	3
CSC 212	Multimedia for the Web	3
CSC 235	Advanced Web Applications	3
	Social Science Elective	3
	Free Elective	3

Total Credits for Degree 65

PROGRAMS OF STUDY

WEBMASTER

Certificate Program

The Webmaster Certificate Program prepares the student for an entry-level position in web design and development. Credits earned in this Certificate may be applied toward an Associate in Applied Science in Graphic and Web Design, Web Development Option degree.

Curriculum Requirement			Credits: 7
CSC	103	Introduction to Computing	3
ENG	140	English Composition I	3
FYE	101	Foundations of Success	1

Career Courses			Credits: 25
BUS	255	Introduction to Electronic Commerce	3
CSC	115	Internet: Concepts & Applications	3
CSC	120	Data Communications <i>or</i>	
CSC	150	Operating Systems Fundamentals: UNIX	3
CSC	160	Networking Essentials	1
CSC	212	Multimedia for the Web	3
CSC	230	Website Development & Design	3
GRD	121	Computer Graphics I	3
GRD	123	Graphics for the Web	3
GRD	131	Desktop Publishing I	3

Total Credits for Degree **32**

DISTANCE LEARNING

Distance Education credit courses are courses that rely on technology to deliver course content when the learner and instructor are not in the same place at the same time. Distance Education courses may be synchronous (in real time; simultaneous) or asynchronous. Distance education is distinct from hybrid courses, where the instructor and students have a regular meeting schedule (usually once a week) but rely on technology to deliver a portion of the course content. Students access distance education courses through software available on the college's web

In addition, in accordance with Federal Regulations, the College has established procedures to protect student privacy and prevent any academic misconduct. These are as follows:

- a) Students and instructors are only permitted access to classes for which they are enrolled.
- b) Users must submit both a unique user ID and a password in order to access their distance education classes.
- c) Instructors or academic administrators can monitor student use and disable a user's access to a class in the case of any suspected violation of academic policies or procedures.
- d) An instructor may specify in-person assessment(s) for distance education or hybrid courses, as long as these requirements are made clear in the section syllabus. All in-person assessments must be proctored by the instructor or an authorized college representative. No additional fees shall be charged to students for the proctoring of distance education or hybrid course assessments.

WCCC verifies that a student is actively attending a distance education course prior to the disbursement of federal financial aid. Because distance education courses do not include face-to-face contact between a professor and a student, it is necessary for the college to establish standards for determining attendance for purposes of financial aid disbursement. Attendance in on-line class shall be defined as active participation in course assignments, including the completion of papers, on-line postings and exams. Merely logging into an on-line educational system does not constitute attendance.

Students enrolled in a distance education class who have not completed a single course assignment/exam for the class, shall receive an NF grade (Failure to Withdraw/Never Attended). Students who have stopped actively participating in the class prior to the end of the semester shall be awarded an XF grade (Failure to Withdraw/Stopped Attending) and have a "last date of attendance" (or LDA) date recorded by the instructor. This LDA shall reflect the date the student's last assignment or exam was received by the instructor.

Any instructor or administrator concerned about the sharing, tampering or access to usernames, passwords, or distance education courses by unauthorized individuals shall report concerns immediately to the Vice President of Academic Affairs or his/her designee. This includes concerns regarding possible student fraud, plagiarism and/or other conduct specifically prohibited by college policy.

To see if Distance Learning is right for you, take the Distance Learning Survey by visiting www.warren.edu and selecting the 'Distance Education' Quicklink. selecting Current Students and click on Distance Learning. Students who are self-directed and highly motivated are most likely to succeed in online courses. Orientation training is offered at the beginning of each semester to assist students using the on-line software. Contact an advisor in Student Services to discuss if distance learning is right for you by calling 908.835.2300



COURSE DESCRIPTIONS

COURSE DESCRIPTIONS

Abbreviation codes:

LEC = lecture hours

LAB = laboratory, studio, or other non-lecture hours

Lab Fee = any additional fee for a specific course

Prerequisite = any course(s) that must be completed before the course requiring it

Corequisite = any course(s) that may be taken during or before the same semester as the course requiring it

ACCOUNTING

ACC 101 Principles of Accounting I 3 cr.

LEC/LAB 3 hrs.

Prerequisite: MAT 050 or appropriate placement test score

This course addresses the fundamentals of accounting theory and practice: double entry, journals and ledgers, control accounts and subsidiary ledgers, financial statements, inventory costing, accounting for notes, accruals and deferrals, and adjusting and closing entries and accounting for payroll and current liabilities. This course utilizes the computer to record accounting information and prepares financial statements.

ACC 102 Principles of Accounting II 3 cr.

LEC/LAB 3 hrs.

Prerequisite: ACC 101

A continuation of ACC 101. This course addresses partnership and corporation accounting, debt and stock investments, bonds and long-term liabilities, cash flow statements, financial statement analysis and managerial accounting. This course utilizes the computer to record accounting information, prepare financial statements, and perform spreadsheet analysis.

ACC 104 Computerized Managerial Accounting 3cr.

LEC/LAB 2 hrs.

Prerequisite: ACC 101

Students will learn about computerized accounting principles and how modern computerized integrated accounting systems function using a hands-on approach. Accounting functions will be integrated with other business applications such as spreadsheets and word processing.

ACC 201 Intermediate Accounting I 3 cr.

LEC 3 hrs.

Prerequisite: ACC 102

This course provides an "in depth" study of financial accounting. The course critically examines the principles governing the valuation of assets and their application to balance sheet problems, as well as the concept of matching revenue and costs.

ACC 202 Intermediate Accounting II 3 cr.

LEC 3 hrs.

Prerequisite: ACC 201

This course is a continuation of Intermediate Accounting I. It builds on the conceptual framework introduced in Principles of Accounting and explains and evaluates accounting procedures in detail. Long-term investments; acquisition, depreciation and retirement of plant assets; intangible assets; bonds; leases; corporate capital; stock rights and warrants; treasury stock; and future/present value concepts.

ACC 204 Income Tax Accounting 3 cr.

LEC 3 hrs.

Prerequisite: ACC 102

The provisions of the Internal Revenue Code are examined in relation to small business taxes and the individual taxpayer.

ACC 206 Cost Accounting 3 cr.

LEC 3 hrs.

Prerequisite: ACC 102

Reviews cost concepts and procedures related to job cost systems, process cost systems, and standard costs.

ACC 251 Managerial Accounting 3 cr.

LEC 3 hrs.

Prerequisite: ACC 102

This course will enable students to analyze and interpret both historical and estimated data used by management for decision making, to plan future operations and develop overall business strategies.

ANTHROPOLOGY

ANT 289 Anthropology 3 cr.

LEC 3 hrs.

This course concentrates on the study of anthropology as defined by its sub-fields. These fields include physical/biological anthropology; archeology; cultural anthropology and linguistics. It emphasizes the study of people—both past and present—as well as the study of the physical world prior to and after the emergence of hominids (including modern humans).

ART

ART 101 Introduction to Art Appreciation 3 cr.

LEC 3 hrs.

This course provides students with an overview of the visual arts through art history, analyzing paintings, sculpture, photography, film, and advertising in relation to the culture that produced them. Visits to museums and galleries, slides, and film studies provide students with the opportunity for further examination of the visual arts.

ART 105 Art History I 3 cr.

LEC 3 hrs.; Supplies to be determined.

This course surveys the evolution of fine art, architecture and other pertinent visual artistic expression from the Neolithic period through the Fourteenth Century, including Western and non-European civilizations.

ART 106 Art History II 3 cr.

LEC 3 hrs.; Supplies to be determined.

This course surveys the history of art from the Fourteenth through the Twentieth Centuries. Emphasis is placed on the development of all forms of visual art found in Western and non-Western cultures. Relevant aesthetic theories that support and interpret modern art are also studied.

ART 107 Modern-Contemporary Art History II 3 cr.

LEC 3 hrs.

This course surveys the history of art from the fourteenth through the twenty-first centuries. Emphasis is placed on the development of all forms of visual art found in Western and non-Western cultures. Relevant aesthetic theories which support media techniques and uses of design applying a variety of tools and procedures.

ART 115 Basic Design 3 cr.

LEC 2 hrs.; LAB 2 hrs.; Supplies to be determined.

This studio course introduces students to basic concepts of two- and three-dimensional design. Students examine the vocabulary, history, media techniques and uses of design applying a variety of tools and procedures.

ART 116 2D Design 3 cr.

LEC 2 hrs.; LAB 2 hrs.

Prerequisite: ART 201

This studio course introduces students to basic concepts of two dimensional design. Students examine the vocabulary, history, media techniques and uses of design applying a variety of tools and procedures.

ART 117 3D Design 3 cr.

LEC 2 hrs.; LAB 2 hrs.

Prerequisite: ART 116, ART 201

This studio course introduces students to basic concepts of three dimensional design. Students examine the vocabulary, history, media techniques and uses of design applying a variety of tools and procedures.

ART 120 Life Drawing I 3 cr.

LEC 2 hrs.; LAB 2 hrs.; Supplies to be determined.

Students must be 18 years or older to register.

This studio course provides students with practical working experience in drawing the human figure. Discussion and lecture regarding fine art and aesthetic theory are followed by drawing from a live model.

ART 121 Life Drawing II 3 cr.

LEC 2 hrs.; LAB 2 hrs.; Supplies to be determined.

Prerequisite: ART 120

Students must be 18 years or older to register.

This studio course is a continuation of ART 121, using live models to develop an advanced understanding of form and to acquire skills fundamental for the exploration of the visual arts.

ART 201 Drawing 3 cr.

LEC 2 hrs.; LAB 2 hrs.; Supplies to be determined.

Students must be 18 years or older to register.

This course introduces the student to basic drawing concepts using a variety of materials and media. The course examines the work of professional artists and old master drawing using slides and discussion to encourage the exploration of a wide range of genres and styles related to drawing as an art form.

COURSE DESCRIPTIONS

ART 205 Watercolor 3 cr.

LEC 2 hrs.; LAB 2 hrs.; Supplies to be determined.

This course is designed to provide a survey of transparent and opaque watercolor techniques and materials. It explores how watercolor techniques may be used to solve traditional compositional problems while maintaining the individual style of the student.

ART 207 Introduction to Color Theory 3 cr.

LEC 2 hrs.; LAB 2 hrs.; Supplies to be determined.

Through study and experimentation, students develop an understanding of the expressive and compositional qualities of color and its role in the creation of works of art and design.

ART 211 Painting I 3 cr.

LEC 2 hrs.; LAB 2 hrs.; Supplies to be determined.

Students must be 18 years or older to register.

This foundation course in oil painting emphasizes projects that enables students to understand and become proficient in the use of oil painting. Students are encouraged to express their own ideas and develop their own visual language.

ART 212 Painting II 3 cr.

LEC 2 hrs.; LAB 2 hrs.; Supplies to be determined.

Prerequisite: ART 211

Students must be 18 years or older to register.

This advanced course in oil painting emphasizes exercises that enable students to understand and become proficient in the use of oil paints. Students are encouraged to express their own ideas and develop their own visual language. (Note: Acrylic paint may be substituted for oil paint.)

ART 270 American Comic Book Art History and Design 3 cr.

LEC 3 hrs.

This class will provide an introduction to the history of the art of American comic books and graphic novels and to the methodologies of the new academic discipline of Comics Studies. Students will be exposed to a spectrum of comic art forms with a focus on the superhero comic book, the graphic novel, and a semester long project developing their own comic characters and origin stories.

AUTOMOTIVE

AUT 101 Engine Repair 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100

Corequisite: MAT 050

This course is designed to introduce the student to engine construction, diagnosis, and repair/rebuilding procedures. The student will learn the basic construction and operation of a four stroke engine, types, classifications, and ratings. Components, hardware, and service tools that are part of the short block assembly and valve train will be discussed. Engine sub systems; cooling lubrication, starting, fuel, and emissions will be included within engine repair. Engine overhaul procedures and common engine mechanical repairs will be taught during this phase. An engine teardown, measurement, analysis, and reassembly will be a requirement of the course. Diagnosis and troubleshooting engine mechanical problems will be covered in this phase.

AUT 102 Brake Systems 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100

The brake course prepares the student to diagnose and repair brake systems in the automotive field. This course builds upon the essential laws of physics, motion, forces, hydraulics, thermodynamics, and chemical reactions, and how these principles apply to the operation of the automotive brake system. The course will cover the energy conversion of motion changed to heat energy (when brakes are applied,) the effects of weight and speed on braking and stopping distance, thermal expansion, friction, force, and coefficient of friction, as they apply to braking systems. The course covers the fundamentals and service of disc/drum brakes; including, how they operate, brake-fluid properties, diagnosis, component replacement/repair/adjustment, disc/drum machining, power-assist units, and the fabrication (double flaring) of brake lines. The student will learn strategy-based diagnostic routines for interpreting and verifying customer concerns and proper operation. Through the inspection, testing, or measurement of component(s) operation, the student will learn to apply this knowledge to determine needed repair(s) and to implement the repair(s).

COURSE DESCRIPTIONS

AUT 103 Steering/Suspension Systems 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100
Corequisite: MAT 050

This course is designed to teach the principles of automotive steering/suspension systems and wheel alignment. Basic tire construction, ratings, repairs, dismounting and mounting procedures are covered. Static and dynamic wheel balancing procedures will finish the tire segment. This program will cover fundamentals of short/long-arm, and strut suspension which includes the components that are individually part of the suspension systems and how they operate. Various steering linkage systems, components, operation, differences between manual and power steering and how they apply to steering, suspensions, and four wheel alignment will be discussed. The basics of two and four wheel alignment and the related geometry will be taught to the students during the wheel alignment segment of the course.

Students will learn strategy-based diagnostic routines, in order to interpret and verify customer concerns and to perform tests to determine the causes of problems. Students will perform hands on repairs related to tires, steering and suspension components as well as actual wheel alignments.

AUT 104 Automotive Electrical 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100
Corequisite: MAT 050

This ASE certified course is a basic automotive electrical course designed to cover the theory of electricity. The course will cover the basic applied electrical principles, basic component operation such as bulbs, relays, diodes, magnetism, and test equipment, moving toward chemical development of electricity (the battery) and the development of electromagnetism in its applied use in the starting and charging of systems.

AUT 105 Automotive Engine Performance I 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100
Prerequisite: AUT 104, MAT-050 or appropriate placement test score

This ASE certified based course is an introduction to the basic interrelationship of the engine, ignition, fuel, and exhaust systems that is called, engine performance. This course will cover the basics of the ignition system, basic engine operation, basic fuel and its delivery. The byproduct of their united functions which is exhaust and emissions will be discussed. Basic diagnostics and maintenance of these systems will be taught.

AUT 106 Manual Drive Trains 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100
Prerequisite: AUT 103

This course covers the manual drive train and the components that are individually part of it. Covered are front wheel, rear wheel drive, four wheel drive, and all wheel drive transmissions systems. The power delivery to the wheels through the clutch, transmission, differential and drive shafts are part of this course. Theory, noise diagnostics and overhaul procedures will be covered within this phase. Constant velocity axels and drive shaft overhaul will be covered as well. Included within this module will be a section on diagnostics, noise, and vibration causes and repairs.

AUT 202 Automotive Engine Performance II 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100
Prerequisite: AUT 105

This course will build on the introduction of engine performance by expanding each of the sections for more in depth coverage of the new systems on an automobile. Course coverage will include various electronic ignition systems, fuel injection systems, and computer controls that affect emissions. An introduction to OBD 1 and OBD 2 systems will also be covered. Diagnostics and repair of these systems with computer-based technology will enhance this course.

AUT 203 Heating & A/C 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100
Prerequisite: AUT 106

This course is designed to introduce the student to the basic theories and principles of refrigeration and their applications in the automotive air conditioning and heating system. The student will study the basic theories and principles of refrigerant, safety and environmental concerns, and the related tools and equipment needed to service these systems. The student will learn the associated electrical system controls and operations that allow air delivery, filtration, and temperature control into the automobile. The cooling system in relation to the heating system of the automobile will be covered. The student will perform related hands-on tasks to recharge, evacuate, purge, and diagnose heating and A/C problems. Included in this course will be the information and test for handling automotive refrigerant.

COURSE DESCRIPTIONS

AUT 204 Automotive Transmission 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100

Prerequisite: AUT 106

This course is an introduction to automatic transmissions and transaxles. Applying the previously learned information from Manual Drive Trains, Automatic Transmissions will cover the hydraulic principles and the components, fluid transfer, circuitry, and testing will be part of this course. Pressure testing and overhauling a transmission will be a requirement. Electronic transmission shifting, lock-up, and diagnostics through a scanner will be covered.

AUT 205 Automotive Engine Performance III 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$100

Prerequisite: AUT 202

This course will take the information provided in Engine Performance 1 and 2 and relate them to advanced engine performance diagnostics. Students will develop a diagnostic process with the use of test equipment to prepare them to be emission repair technicians. Following a New Jersey approved curriculum for emission repairs, the student should be able to take the New Jersey emission repair technician certification test. The balance of the course will be practicing the requirements of the New Jersey inspector license with the goal of obtaining the New Jersey inspector certificate.

AUT 206 Automotive Technology Internship

Approval of Professor

This course provides an opportunity for students to apply what they have learned. The student is assigned to a particular area in the automotive technology/repair sector and must complete guided work at their assigned site. The student reports to both the site coordinator and the faculty advisor.

BIOLOGY

BIO 145 Principles of Biology 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Corequisites: ENG 042, MAT 050

Provides a basic introduction to the study of biological science. Designed to develop an understanding of fundamental principles of the living world. Recommended for non-science majors as part of a sequence with BIO 150. May be taken as a hybrid with on-campus lab or as traditional on-campus course with lab.

BIO 150 Principles of Human Biology 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Corequisites: ENG 042, MAT 050

Provides an introduction to the study of the structure and functions of the human body. Designed to develop an appreciation for the body as it relates to health and disease and to emphasize the body as it relates to everyday living experiences. Recommended for non-science majors as part of a sequence with BIO 145. May also be taken as an elective to prepare students to take BIO 262. May be taken as a hybrid with on-campus lab or as traditional on-campus course with lab.

BIO 162 General Biology I 4 cr.

LEC 3 hrs. LAB 3 hrs. LAB Fee: \$35

Corequisites: ENG 042, MAT 050

Takes a molecular approach to provide a fundamental introduction to the study of living organisms. Introduces the scientific method, biomolecular and cellular organization, cellular metabolism, heredity, and genetics. Includes lecture and laboratory experience. Required for biology option science majors.

BIO 163 General Biology II 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Prerequisite: BIO 162

A continuation of BIO 162. Introduces evolution. Presents an evolutionary-based, systematic study of the diversity microbes, fungi, plants, animals and animal behavior. Includes lecture, laboratory and field experience. Required for biology option science majors.

BIO 165 Environmental Studies 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Increases awareness of natural principles that relate to current environmental issues. Offers insight on population, renewable resources, energy, pollution and sustainability. Includes lecture, discussion, laboratory and field experience. Recommended for science majors and as a science elective.

BIO 170 General Ecology 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$40

Corequisites: ENG 042, MAT 050

Introduces basic ecological principles describing relations between living organisms and their environment. Field sampling techniques, data analysis and reporting. Includes both aquatic and terrestrial ecosystems. Includes lecture, laboratory and field experience. Required for biology majors.

COURSE DESCRIPTIONS

BIO 200 Genetics 3 cr.

LEC 3 hrs.

Prerequisite: C or better in BIO 162

This course includes a study of the principles of Mendelian genetics and theories of heritability including the chemical nature, location, organization, and transfer of the information encoded in nucleic acids. Aspects of population and medical genetics are reviewed. Assignments enforce the scientific method. Required for biology option science majors. This course does not transfer as a laboratory science.

BIO 210 Comparative Anatomy 4 cr.

LEC 3 hrs.; LAB 3 hrs.

Prerequisite: C or better in BIO 163

Considers animal evolution based on comparative anatomy and physiology of ancestral and derived animals. Reviews animal form and function and addresses evolutionary development within organ systems. Culminates with behavioral and ecological significance of form and function. Includes laboratory dissection, experimentation and field experience in a manner that enforces the scientific method. Recommended for biology option science majors.

BIO 220 Evolutionary Biology 4 cr.

LEC 3 hrs.; LAB 3 hrs.

Prerequisite: BIO 170 or 200 with C or higher

This fourth semester course utilizes a seminar format to integrate other core biology courses based on the concept of evolution. Laboratory and field experience is evaluated quantitatively to enforce seminar topics. Required for biology option science majors.

BIO 262 Anatomy and Physiology I 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Corequisites: ENG 042, High School Biology and/or Chemistry or college equivalent, MAT 050 or appropriate placement test score

Provides a systems approach to the study of the normal structure and function of the human body. Emphasis on biochemistry, cytology, histology, and the integumentary, skeletal, muscular and nervous systems. Laboratory exercises designed to reinforce content. Required of nursing intent majors. Recommended for science majors.

BIO 263 Anatomy and Physiology II 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Prerequisite: BIO 262

Provides a continuation of BIO 262, Anatomy and Physiology I. Emphasis on the senses, autonomic nervous, endocrine, cardiovascular, lymphatic, digestive, respiratory, urinary, and reproductive systems. Laboratory exercises designed to reinforce content. Required of nursing intent majors. Recommended for science majors.

BIO 264 Microbiology 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Prerequisite: BIO 162 or BIO 262

Provides a study of biological concepts relating to microorganisms. Includes the morphology, anatomy, physiology, growth, metabolism, nutrition, control and identification of various microbes. Lab exercises include staining procedures, media preparation, pure culture techniques and culture identification. Required of nursing intent majors. Recommended for science majors. Should be taken after A&P or General Biology and Introduction to Chemistry or General Chemistry have been successfully completed.

BUSINESS

BUS 120 Business Organization and Management 3 cr.

LEC 3 hrs.

Corequisite: ENG 042 or appropriate placement test score

This course provides an introductory study of business, focusing on historical beginnings, types of business ownership, problems of production, transportation, promotion, research, marketing and their inter-relationships. Principles of organization and management, as well as the functions of modern business are also examined.

BUS 122 Business Law I 3 cr.

LEC 3 hrs.

Prerequisite: ENG 041, ENG 042 or appropriate placement test score

This course introduces legal rights and liabilities, sources of law and the judicial system, and principles of law applied to business transactions, with particular reference to contracts, property, and sales.

COURSE DESCRIPTIONS

BUS 123 Business Law II 3 cr.

LEC 3 hrs.

Prerequisite: BUS 122 or LST 140

This course presents principles of law as they pertain to negotiable instruments under the Uniform Commercial Code, guarantee insurance contracts, insurance, principle and agency relationships, and creditors' rights.

BUS 124 Principles of Management 3 cr.

LEC 3 hrs.

Corequisite: ENG 042 or appropriate placement test score

This course provides students with current business management concepts and applications. It focuses on the elements of managerial processes fundamental to various types of enterprises, and theses of research and concepts related to management.

BUS 201 Principles of Marketing 3 cr.

LEC 3 hrs.

Corequisite: ENG 042 or appropriate placement test score

This course examines marketing functions and institutions involved in the commercial distribution of various classes of goods from producer to consumer. Pricing, channels, consumer motivations, advertising and promotion, logistics, and statistical methodology are studied to provide a comprehensive marketing overview.

BUS 221 Small Business Management 3 cr.

LEC 3 hrs.

Corequisite: ENG 042 or appropriate placement test score

This course introduces the students to the principles of small business management and the functions of planning, organizing, financing, staffing, marketing, and directing a small business.

BUS 224 Personnel Management 3 cr.

LEC 3 hrs.

This course focuses on problems, issues, policies and practices related to managing people working in an organization. It also focuses on the problems and issues of daily human resource work. It requires students to make decisions that will optimize the human resource function.

BUS 228 Principles of Finance 3 cr.

LEC 3 hrs.

Prerequisite: ACC 102

This course examines the fundamental principles of financial management, planning, and control. It studies management of funds, including capital budgeting, financial analysis, and cash flow analysis.

BUS 251 Introduction to Global Business 3 cr.

LEC 3 hrs.

Corequisites: ENG 041, 042, MAT 050 or appropriate placement test score, BUS 120

This course will introduce student to the issues of international business and is designed to provide them with an opportunity to identify and analyze cultural, political, ethical, and communication differences and their impact on the conduct of international business. The course will include topics such as the foreign exchange market, trade and investment, and the strategies that business use to enter and compete in specific foreign markets.

BUS 252 Global Business Study Abroad Tour 3 cr.

LEC 1 hrs.

Prerequisite: ENG 140, MAT 050 or appropriate placement test score

Corequisite: BUS 120

This course will introduce student to the issues of international business in foreign countries and is designed to provide students with an opportunity to identify, observe and analyze cultural and/or communication differences and their impact on the conduct of international business. Students will travel overseas as a group, tour local businesses and learn from business owners and managers about accounting, commerce and trade in an international market. The tour is arranged in collaboration with EF College Study Tours.

BUS 255 Introduction to Electronic Commerce 3 cr.

LEC 3 hrs.

Corequisites: ENG 041, ENG 042 or appropriate placement test score

This course examines how electronic commerce technologies and applications impact on various types of business processes and organizations.

BUS 293 Co-operative Education 3 cr.

Prerequisite: Approval of Professor

The Co-operative Work Experience program provides business management students with the opportunity to integrate classroom learning with practical work experience. Individualized programs are structured based on student learning objectives.

CHEMISTRY

CHE 110 Introductory Chemistry 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Corequisites: ENG 042, MAT 051 or appropriate placement test score.

Introduces the fundamental laws and theories of chemistry. Emphasis on chemical calculations and problem solving involving the metric system, conversion factors, and chemical reactions. Includes the study of atomic structure, chemical bonding, use of the periodic table, solutions, introductory organic chemistry, and biochemistry. Recommended for allied health and non-science majors.

CHE 164 General Chemistry I 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Prerequisite: CHE 110 or high school chemistry or another acceptable college level chemistry course
Corequisites: ENG 042, MAT 051 or appropriate placement test score.

Introduces the basic concepts and theoretical principles of modern chemistry. Emphasis on stoichiometry, atomic theory, properties of matter, periodic table, chemical bonding, kinetic-molecular theory, states of matter, gas laws, solutions, oxidation-reduction, and acid base systems. Recommended for science majors.

CHE 165 General Chemistry II 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Prerequisite: CHE 164

A continuation of CHE 164 General Chemistry 1. Topics include gas laws, solutions, oxidation-reduction, acid-base systems, chemical equilibrium, kinetics, thermodynamics, electrochemistry, radiochemistry, and an introduction to organic chemistry. Recommended for science majors.

CHE 210 Organic Chemistry I 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Prerequisite: CHE 165

A study of the preparation, properties, and reactions of organic compounds. Emphasis is on the study of the properties and characteristics of functional groups, reaction mechanisms, and stereochemistry. The laboratory involves basic techniques and methods of synthesis, isolation, purification, identification of organic compounds, and proper documentation of data. Recommended for science majors.

CHE 211 Organic Chemistry II 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Prerequisite: CHE 210

A continuation of CHE 210 Organic Chemistry 1. Involves the study of the properties, characteristics, and reaction mechanisms of carbonyl-containing compounds, alcohols, ethers, alkyl halides, amines, phenols, carbohydrates, and proteins. Emphasis on the identification of organic compounds using instrumental techniques such as IR, NMR, uv, and chromatography. Laboratory work includes methods of synthesis, isolation, purification, identification of organic compounds, and proper documentation of data. Recommended for science majors.

COMMUNICATIONS

COM 101 Introduction to Mass Media 3 cr.

LEC 3 hrs.

Corequisite: ENG 041 or appropriate placement test score

This course surveys the characteristics and histories of mass media, such as newspapers, radio, television, and computers. Emphasis is placed on the effects of media forms on their respective cultures.

COM 105 Interpersonal Communication 3 cr.

LEC 3 hrs.

This course introduces fundamental precepts of small group and one-on-one communication. An emphasis is placed on the application of relative theories/ strategies to train students to become better listeners, speakers, conflict managers, and decision-makers. Knowledge and skills are gained through lecture, role-play, discussion, interviews, and other interactive classroom exercises.

COURSE DESCRIPTIONS

COM 110 Introduction to News Writing 3 cr.

LEC 3 hrs.

Prerequisite: ENG 041, ENG 042 or appropriate placement test score

In this course, students will demonstrate a fundamental knowledge of news writing, editing, and publishing. Active participation in the publishing of the student newspaper is strongly encouraged but not required.

COM 115 Feature Writing 3 cr.

LEC 3 hrs.

Prerequisite: ENG 041 or appropriate placement test score

Corequisite: ENG 140

This course examines the principles of good feature writing via the various forms employed by newspapers and magazines. Participants will develop and hone abilities necessary for successful feature article writing, including interviewing, researching, and revision skills. Through lecture, discussions, group critique, and guest speaker, students will learn how to write publishable articles and work toward career opportunities.

COM 120 Introduction to Radio Broadcasting 3 cr.

LEC 3 hrs

Corequisites: COM 110 and COM 101

This course provides the skills necessary to write, produce, and implement the elements necessary to create an event on radio. Students will learn about writing for radio news and entertainment. In addition, students will understand the depth and breadth of producing a public audio broadcast. Participants will understand the competencies needed for the audio work necessary to produce a radio program.

COM 121 Business Communications 3 cr.

LEC 3 hrs.

Prerequisite: ENG 041, ENG 042 or appropriate placement test score

This course focuses on organizational communication in small and large business and industry. Its goal is to identify and analyze the concepts that apply to internal and external business communications, recognize and describe the extent that the business world relies on communication, and comprehend and critique the ways in which corporations communicate and form their decisions. Student communication is promoted through lectures, exercises, group research and analysis, and on-line discussion. A group service learning project analyzing data, writing a proposal, and preparing a formal presentation of a non-profit organization's internal and external communication plan is a large part of this course.

COM 130 Introduction to Broadcasting 3 cr.

LEC 3 hrs.

Corequisite: COM 101, COM 110

This course gives the students the skills necessary to write, produce, and implement the procedures necessary to create an event on television. Students will learn about writing for broadcast news and entertainment. In addition, participants will understand the depth and breadth of producing a taped broadcast that will be available.

COM 143 Speech 3 cr.

LEC 3 hrs.

Corequisite: ENG 041 or appropriate placement test score

This course provides an opportunity to learn and utilize basic communication skills, examines interpersonal communication, and studies semantics, group interaction, and non-verbal communications.

COM 205 Intercultural Communication 3 cr.

LEC 3 hrs

Prerequisite: COM 105

This course is designed to allow the student to explore how culture and ethnicity effect and affect the process of human interaction. Students will learn through lecture, guest speakers, research, discussion and group exercise about the intricacies of verbal and non-verbal communication in various cultures and their sub-cultures. The course will deal with the challenges of communication in a culturally diverse society and offer techniques for improving communication between members of different cultures.

COM 210 Photojournalism 3 cr.

This course allows the participant to explore how photographs influence the written word. Students will learn through hands on experience how to take a photograph, write an article and create a magazine. Students will study and appreciate the history and intricacies of photojournalism. The course will also address the economic, legal and ethical challenges of a photographer and journalist in today's society. A digital camera is required.

COM 293 Journalism Internship 3 cr.

Prerequisite: COM 110 and approval of professor

This course gives students the opportunity to apply the skills learned in COM 110 at newspapers, magazines, or public relations companies to earn experience and college credit.

COMPUTER SCIENCE

CSC 103 Introduction to Computing 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25
Corequisite: ENG 042, MAT 050 or appropriate placement test score.

This course addresses the capabilities and limitations of computer hardware and software, and social implications of computer technology. Students learn common applications software.

CSC 110 Systems Analysis 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25
Prerequisite: CSC 103.

This course provides an analysis of data processing systems, and design of computer applications, including input, output, files, and system processing controls.

CSC 112 Microcomputer Software Applications 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25
Corequisite: MAT 050, ENG 042 or appropriate placement test score.

In this course, students use applications software for microcomputers and word processors, including word processing, spreadsheets, databases, and graphics. The course stresses the integration of software packages that address common business tasks.

CSC 115 Internet: Concepts and Applications 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25
Corequisite: CSC 103 or CSC 112 or equivalent training.

This course introduces the student to all aspects of the Internet: its history, how to connect to it, for what and how it is used, using it to conduct business, and its future. Applications will include mail, the World Wide Web, online services, databases, searching, FTP, Telnet, and HTML.

CSC 117 Instructional Technology 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

This course provides students interested in instructional technology or those planning to enter the field of education with an overview and exposure to classroom technology. Computer assisted instruction, interactive video, multimedia, telecommunications, and distance learning will be explored, as well as curriculum development applications required for effective use of these technologies.

CSC 120 Data Communications 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

This course covers the fundamentals of data communications: history; current uses; hardware, software and protocols; networks (LANs, WANs, VANs) and their design; trends; and issues.

CSC 121 Programming I (C++) 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$30
Corequisite: CSC 103

This course provides an introduction to programming, including representation of data and instructions, data-type expressions, assignment, sequencing, arrays, procedures and functions, parameters, techniques of problem solving and algorithm expression, stepwise refinement, and modular programming style.

CSC 122 Programming II (C++) 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25
Prerequisite: CSC 121.

This course addresses computer applications, standard algorithms, programming methodology, and applications. Files and records, pointer data types, elementary sorting and searching, and information storage and retrieval are covered.

CSC 140 Programming with Visual Basic 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25
Prerequisite: CSC 103 or equivalent course or approval of professor.

This course introduces the student to the concept of object-oriented, event-driven programming. This course teaches the elements of traditional BASIC programming. Programming and modularization are combined by subdividing programs into a series of smaller, more manageable tasks for separate programming. Visual Basic is taught in a Windows environment.

CSC 150 Operating Systems Fundamentals: UNIX 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25
Prerequisite: CSC 103 or approval of professor

In this course, students are introduced to standard operating system features (file, device, process managers, editors, mail systems, command language, utilities) using the UNIX operating system.

COURSE DESCRIPTIONS

CSC 160 Networking Essentials 1 cr.

LEC 1 hr.

This one credit course provides a basic foundation in network concepts and terminology. Its main focus is how data moves across networks. Topics include packet switching, protocols, IP addressing, OSI layers, TCP/IP, and permissions. Students test server software and IP addressing.

CSC 200 Database Management Concepts 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Prerequisite: CSC 103 or CSC 112

This course focuses on database design, implementation and administration and covers the methods and procedures used in the design and development of relational databases. Topics include database development, database design, query and report processing, principles of security, introduction to user interface design, macros, and the basics of Web/database connectivity. Students use a popular microcomputer relational database management system.

CSC 210 Multimedia Authoring 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Corequisite: GRD 121

This course introduces students to the world of 2D animation and multimedia. Students learn time-based animation that incorporates text, graphics, sound and movement. Traditional and modern animation techniques such as keyframe animation, tweening, and onion skinning will be covered.

CSC 212 Multimedia for the Web 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Prerequisite: GRD 121

This course focuses on the concept of multimedia specifically for Web delivery. Students learn to develop and create Shockwave Flash content and upload files for real-time evaluation. Bandwidth and browser limitations challenge students to create content that has immediate impact and appeal, while effectively communicating the desired message. Incorporating user interaction through scripting and navigation elements is a major focus. Use of other image and sound editing software is included.

CSC 228 Advanced Programming Techniques 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Prerequisite: CSC 122

This course examines text processing, formatting, data structures such as stacks and queues, processing of list structures, and recursion. Programming stresses the development of substantial structured programs.

CSC 230 Website Development and Design 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Prerequisite: CSC 103 or CSC 112, and CSC 115

This course teaches the student all aspects of developing a site on the World Wide Web. Students build a website on two platforms (PC, UNIX), including the design of a home page. The technical aspects of implementing a Web server. Web page applications, languages, design methodology, and theory are studied.

CSC 235 Advanced Web Applications 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Prerequisite: CSC 230

Corequisite: CSC 121

This course focuses on JavaScript and CGI programming methods. Students learn practical and sophisticated JavaScript routines that they can easily add to their Web pages. Topics include JavaScript basics, functions, window and browser manipulation, Web page security, form validation, and form processing. CGI program interaction with Web servers, and parsing and debugging are also presented.

CSC 293 Computer Science Internship 3 cr.

Prerequisite: Approval of professor

This course provides students with opportunities to learn about careers in computer science and to integrate classroom learning with a hands-on work experience.

CRIMINAL JUSTICE SECURITY

CJS 105 Exploring Security Essentials 3 cr.

LEC 3 hrs.

This course provides a thorough discussion of existing concepts, terms, and phrases utilized in security and loss prevention. This course provides an integrated approach to the multi-layers of security and loss prevention.

CJS 205 Security Management 3 cr.

LEC 3 hrs.

This course explores the administrative, managerial, and supervisory aspects of the security function. It provides a comprehensive guide to the planning, staffing, and operation of a security within an organization.

CRIMINAL JUSTICE

CRJ 105 Introduction to Criminal Justice 3 cr.

LEC 3 hrs.

Corequisite: ENG 042 or appropriate placement score

This course surveys the adult adjudication system from commission of the crime to the re-entry of an incarcerated offender into the community. The course provides an in-depth overview of police, courts and corrections, history, current problems, and future challenges.

CRJ 107 Forensic Science 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35

Prerequisite: CRJ 105 or CRJ 110

This course reviews the fundamental techniques used in the analysis and evaluation of physical evidence, including micro-techniques, and special subjects of topical interest. Physical properties, organic and inorganic analysis as well as toxicology are explored. A laboratory is included. This course fulfills the science requirement for Criminal Justice majors only.

CRJ 110 Criminology 3 cr.

LEC 3 hrs.

Corequisite: ENG 042 or appropriate placement test score

This course examines the nature and causes of crime and criminal behavior, characteristics of offenders, and measurement of crime. Specific areas of crime, using various theories of criminality, are discussed.

CRJ 120 Juvenile Delinquency 3 cr.

LEC 3 hrs.

Corequisite: ENG 042 or appropriate placement test score

This course reviews prominent theories relating to the causes of juvenile delinquency in the U.S. The course surveys the history of the juvenile justice system and explores, in-depth, how the system functions today, including its processes and effectiveness.

CRJ 130 Criminal Law 3 cr.

LEC 3 hrs.

Prerequisite: CRJ 105 or CRJ 110 or LST 190

This course outlines the intricacies of the administration of criminal justice, the elements of common criminal status, the Federal Constitution and its impact on state criminal laws, and legal rules governing police practices and procedures.

CRJ 140 Introduction to Terrorism 3 cr.

LEC 3 hrs.

This course provides an introduction to the ideology, policies, procedures, and practices of a terrorist or a terrorist group, including methods utilized for training, funding and gathering intelligence, the operational phase of a terrorist attack, and the process of target selection. This course provides historical context for understanding international and domestic terrorism, the emerging trends and the institutional and behavioral responses to terrorism.

CRJ 160 Police and the Community 3 cr.

LEC 3 hrs.

Prerequisite: CRJ 105 or CRJ 110

This course explores the concepts and ethics of the police profession and how these impact on public service. It contrasts positive and negative relationships between the police and the public and explores historic and innovative approaches to improving police, and community relations.

CRJ 170 Criminal Investigation 3 cr.

LEC 3 hrs.

Prerequisite: CRJ 105 or CRJ 110

Corequisite: ENG 140

This course focuses on the analysis of problems encountered by investigators. Students identify the methods of searching for truth and relevant information, and learn investigative processes, techniques, and approaches to solving crimes.

CRJ 180 Corrections in Today's Society 3 cr.

LEC 3 hrs.

Prerequisite: CRJ 105 or CRJ 110

This course covers the history of punishment and how it has evolved into our present day corrections system. Students compare the punitive theories of punishment with the rehabilitative theories of correction. The course explores jail and prison systems, probation, parole, and community work-release programs.

CRJ 210 Probation and Parole 3 cr.

LEC 3 hrs.

Prerequisite: CRJ 105 or CRJ 110

This course surveys the history, philosophy, practice, and theories in the field of probation and parole. Methods for dealing with offenders in the community, such as residential treatment, restitution, and intermediate punishments, are examined.

COURSE DESCRIPTIONS

CRJ 220 Criminal Justice Organizations and Management 3 cr.

LEC 3 hrs.
Prerequisite: CRJ 105

This course is designed to integrate criminal justice systems and management principles. Issues relevant throughout the criminal justice system and management topics as they relate to the police, courts, and corrections are examined.

CRJ 225 Criminal Procedures 3 cr.

LEC 3 hrs.
Prerequisite: CRJ 130

This course provides a survey of the United States Constitution, Constitutional Rights of the accused, probable cause, street encounters, legal requirements and procedures of lawful arrest, landmark Supreme Court decisions, the Rules of Evidence and legal requirements of searching, investigative and interviewing/interrogation concepts and the marking and tagging of evidence.

CRJ 240 Terrorism Responses 3 cr.

LEC 3 hrs.
Prerequisite: CRJ 140

This course discusses the philosophical, political and religious roots of terrorist activities around the world and the national, regional, and global effects of terrorism. The course will then focus on the national and international responses and defenses to terrorism, and the strategic approaches for combating terrorism.

CRJ 245 Forensic Psychology 3 cr.

Prerequisites: ENG 140, CRJ 105

This course is designed for both criminal justice and psychology students to explore the fundamentals of forensic psychology as it pertains to criminal law. Students will gain an appreciation for the diversity and complexity of this subject as well as understand basic methods of profiling, jury selection, interrogation, insanity defenses, interviewing children and predicting violent behavior using risk assessments. Students will also examine workplace law, sentencing and the controversial topic of the death penalty.

CRJ 250 Current Issues in Criminal Justice/Capstone Experience 3 cr.

Prerequisite: CRJ 130
Corequisite: ENG 141

This capstone course will integrate the theories, principles and knowledge obtained throughout the criminal justice program into practical applications. The students will demonstrate their abilities to assess the impact of their educational experiences on their professional competence and values, critical thinking and problem solving, communication, information utilization, and collaboration skills. Ethical, political and social issues that impact criminal justice will also be examined.

CRJ 293 Criminal Justice Internship 3 cr.

Prerequisites: CRJ 105, CRJ 110 and approval of a faculty advisor
Corequisites: ENG 041, ENG 402 and approval of a faculty advisor

This course provides a hands-on approach to education. The student is assigned to a particular area of the criminal justice community (police, prosecution, or corrections) and must complete at least 135 hours of guided fieldwork at their assigned site. The student reports to both the site coordinator and the faculty advisor.

EARLY CHILDHOOD EDUCATION

ECE 130 Early Childhood Curriculum 3 cr.

(formerly ECE 220)
LEC 3 hrs.
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This course provides an exploration of the basic concepts underlying curriculum development for young children. The focus is on curriculum planning, organization of materials, and the classroom environment. The course also provides opportunities for classroom observation.

ECE 210 Children's Literature 3 cr.

LEC 3 hrs.

This course emphasizes the understanding and appreciation of children's literature and its role in child growth and development. Students explore creative techniques for presenting literature by reviewing a variety of children's books and poetry, and writing their own original children's story.

COURSE DESCRIPTIONS

ECE 225 Preschool Children with Special Needs 3 cr.

LEC 3 hrs.

Prerequisite: ECE 130

This course provides an introduction to the education of young children to age six with disabilities or who are at-risk. It focuses on assessment, learning environments, and curriculum designed to provide appropriate learning programs for young children with special needs.

ECE 230 Early Childhood Teaching Methods 3 cr.

LEC 3 hrs.

Prerequisite: ECE 130

This course provides an analysis of teaching methodology for the education of young children. The course addresses classroom management, curriculum integration, and positive discipline techniques and strategies for the "special needs child."

ECE 240 Teaching Language Arts to Young Children 3 cr.

LEC 3 hrs.

Prerequisite: ECE 130

This course explores the development of language and ways in which parents and teachers can stimulate development of the young child's verbal expression. It emphasizes materials and activities that stimulate listening, speaking, reading, and writing skills.

ECE 250 Expressive Arts for Early Childhood Educators 3 cr.

Prerequisite: ECE 130

This course provides a hands-on approach toward developing a student-generated reference guide of activities in the arts. Students make and share age-appropriate arts and crafts, performing arts material, dance, puppetry, music, cooking, and cultural arts activities. The course explores and documents a wide variety of materials and recommended resources.

ECE 260 Field Studies in Education I 3 cr.

Prerequisite: ECE 130, ECE 230

This course provides fifteen hours per week of actual experience in a pre-school child care classroom. The course is designed for students seeking the Group Teacher credential.

ECE 270 Field Studies in Education II 3 cr.

LEC 3 hrs.

Prerequisite: ECE 230, ECE 260

This course provides an additional fifteen hours per week in a fifteen-week semester of actual experience in a preschool childcare classroom. The course is designed for students seeking the Group Teacher credential.

ECONOMICS

ECO 188 Macroeconomics 3 cr.

LEC 3 hrs.

Corequisites: ENG 041, ENG 042, MAT 051 or appropriate placement test score

This course covers topics such as the nature of economic problems and concepts, institutional framework; supply, demand, and the market mechanism; national income accounting; determination of output and employment levels; consumption, saving and investment behavior; business cycles; inflation and unemployment; monetary and fiscal institutions; and theory.

ECO 189 Microeconomics 3 cr.

LEC 3 hrs.

Corequisites: ENG 041, ENG 042, MAT 051 or appropriate placement test score

This course studies supply, demand, and the price system; theory of consumer behavior and the firm; cost and production analysis; output and price determination; current economic problems; and international economics.

ECOTOURISM

ETO 105 Outdoor Education 3 cr.

LEC 3 hrs.

The course focuses on the challenges facing educators regarding outdoor interpretation in a culturally diverse society. Students will learn through lecture, guest speakers, hands on research, discussion, and group exercise about the environment and education. It will provide techniques for improving learning, comprehension, and participation in the natural world.

ETO 110 Introduction to Ecotourism 4 cr.

LEC 3 hrs.; LAB 3 hrs.

This course employs a combined strategy of classroom, field, and experiential learning and research to introduce the role of leadership in the ecotourism industry. The course also explores the specific nature of outdoor leadership.

COURSE DESCRIPTIONS

EDUCATION

EDU 110 Foundations of Education 3 cr.

LEC 3 hrs.

Corequisites: ENG 041, ENG 042 or appropriate placement test score

This course provides an overview of the historical, political, social, and economic foundations of education. Students explore curriculum, current issues in education, and the role of the teacher. The course requires a 15-hour observation component in a public school setting.

EDU 120 Introduction to Exceptional Student Education 3 cr.

LEC 3 hrs.

Corequisite: PSY 101

This course provides an overview of the field of special education including the historical background, legislation, programs, curriculum, and practices. Major categories and types of exceptionality are examined including giftedness and non-native speakers as well as family involvement and instructional techniques to use with the exceptional population.

EDU 210 Curriculum Design 3 cr.

LEC 3 hrs.

Prerequisite: EDU 110

This course focuses on the concepts, practices and elements involved in the design of a curriculum and includes use of the New Jersey Core Curriculum Content Standards. Students will examine underlying philosophies of curriculum, instructional materials, tests and alternative assessments to prepare, plan and deliver lessons. The course requires a 5-hour observation component in a public school setting.

EDU 284 Educational Psychology 3 cr.

LEC 3 hrs.

Prerequisite: PSY 101

Corequisite: ENG 140

Credit will be given for either EDU 284 or PSY 284.

This course surveys the principles of psychology as applied to the classroom and emphasizes how learning processes are affected by environment, and experimental and developmental factors.

EMERGENCY MEDICAL SERVICES

EMS 100 CPR for the Healthcare Provider 1 cr.

LEC 1 hr.

This program is designed to teach techniques for basic airway management, cardiopulmonary resuscitation (CPR), and management of foreign-body airway obstruction for the adult, child, and infant. The student also becomes familiar with the automated external defibrillator (AED), and becomes proficient in its use. This program meets the requirements of the American Heart Association's Basic Life Support for Healthcare Providers. This program is taught by a certified CPR instructor. Upon successful completion of this program, students receive a course completion card from the instructor's training affiliate.

EMS 105 First Responder 3 cr.

LEC 3 hrs.

This program will train students to provide emergency care to victims experiencing a medical or traumatic injury. Specifically, this program will teach the techniques for advanced first aid, basic airway management, cardiopulmonary resuscitation (CPR), and management of foreign-body airway obstruction for adult, child, and infant. The student will also become familiar with the automated external defibrillator (AED), and will become proficient in its use.

EMERGENCY SERVICES

ESS 101 Introduction to Emergency Management 3 cr.

LEC 3 hrs.

Emergency management provides a structure for anticipating and responding to emergency incidents. Emergency management involves emergency service agencies as well as participants from government and private sectors. Emergency management activities are divided into phases before, during, and after emergency events. Introduction to Emergency Management presents a broad overview of the emergency management system in use at the local, state, and federal levels. This course reinforces the importance of event pre-planning and exercise as well as an integrated, multi-jurisdictional approach to managing emergencies. This course will enable the student to formulate the elements of an integrated teamwork system and devise specific actions for improving their own contributions to the emergency management system. The development and implementation of the National Response Plan (NRP) will also be covered.

COURSE DESCRIPTIONS

ESS 104 Hazardous Materials for the Emergency Responder 3 cr.

LEC 3 hrs.

Prerequisite: BIO 150 or CHE 110 or PHY 110

This course provides insight to the chemistry relating to the categories of hazardous materials. This course will also address problems of recognition, reactivity, and health encountered by responders. Emphasis will be placed on the common types of hazardous material responses for rural and suburban responders. The need for a unified command structure will also be reviewed, and individual agency responsibilities will be addressed.

ESS 204 Management of the Large-Scale Incident 3 cr.

LEC 3 hrs.

Prerequisite: ESS 101

This course will provide the student with an introduction to the management of large-scale emergency incidents including response to fire incidents, emergency medical incidents, structural collapse, weapons of mass destruction/ terrorist attacks, and other events that put a strain on the emergency response system. This course is designed around the National Incident Management System (NIMS) as recommended by the US Department of Homeland Security. Areas to be covered include NIMS overview, structure, and staffing; effective resource management; event/incident planning; and logistics and finance. The course will also provide procedures for the effective management of structural and high-rise fires, emergency medical incidents, structural collapse, weapons of mass destruction/ terrorist attacks, and other large-scale incidents. The National Response Plan (NRP) and the integration of NIMS into the NRP will also be discussed. The student will learn the theory behind NIMS, as well as practical applications based on scenarios developed by the instructor and actual events over the past decade.

ENGLISH

ENG 041 Basic Writing 3 eq. cr.

LEC 3 hrs.; LAB 1 hr.

This course reviews basic writing skills. Content will include grammatical rules and effective paragraph and essay writing. The course is designed to review writing and prepare the student for success in English Composition I (ENG 140). Completion of this course with a C or better satisfies the placement test requirements in writing.

ENG 042 Critical Reading 3 eq. cr.

LEC 3 hrs.; LAB 1 hr.

This course will prepare students to read and think critically in college courses across the curriculum. Through a systematic, comprehensive program of instruction and guided practice, students will learn to recognize text structures, develop strategies for reading difficult texts, increase vocabulary, and respond critically to what they have read.

ENG 140 English Composition I 3 cr.

LEC 3 hrs.

Prerequisite: ENG 041, ENG 042 or appropriate placement test score

This course helps students to develop essay-writing skills using various types of rhetoric. It requires successful completion of formal essays and literate prose on demand and emphasizes the writing of a research paper. The course uses selected readings and discussion topics as catalysts for writing.

ENG 141 English Composition II 3 cr.

LEC 3 hrs.

Prerequisite: ENG 140

This course helps students to further develop writing skills. It concentrates on literary analysis as a means of acquiring an understanding of short stories, poems, and plays, and introduces the student to formal literary criticism. The course requires successful completion of formal essays and literate prose on demand and emphasizes the development of a research paper.

ENG 144 Creative Writing Poetry Workshop 3 cr.

LEC 3 hrs.

Corequisite: ENG 140

This course develops students' ability to create well-crafted poetry in a variety of styles and forms. The workshop approach emphasizes revision, peer review, and portfolio assessment.

COURSE DESCRIPTIONS

ENG 150 Creative Writing Fiction Workshop 3 cr.

LEC 3 hrs.

Corequisite: ENG 140

This course develops the student's ability to create well-wrought narrative prose/fiction. The workshop approach emphasizes process of writing (short fiction/ novel), peer review, and portfolio assessment.

ENG151 Creative Nonfiction Workshop 3 cr.

Prerequisite: ENG141 or permission of the instructor

Students will draw from personal experience and create original personal essays, memoirs, prose poems, and/or literary journals. This workshop stresses extensive peer review and portfolio assessment.

ENG 199 Literature on Film 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

This course uses films, videos, and tapes extensively throughout this visual introduction to literature. Analysis of literature, media techniques, and literary criticism are included.

ENG 201 British Literature I 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

This course focuses upon major literary figures, excluding Shakespeare, up to and including Eighteenth Century writers. Students continue to develop skills in analyzing literature, using the library for literary research, writing critical papers, and contributing to seminar-type discussions.

ENG 202 British Literature II 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

This course focuses upon major literary figures of the nineteenth and twentieth centuries. Students continue to develop skills in analyzing literature, using the WCCC library for literary research, writing critical papers, and contributing to seminar-type discussions.

ENG 205 Shakespeare 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

This course reviews Shakespeare's major comedies and tragedies, with an emphasis on intellectual backgrounds and theatrical conventions.

ENG 240 American Literature I 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

This course focuses on the works of major authors from the seventeenth through the late-nineteenth centuries. Students will also examine significant movements of early American literary history. Authors whose works will be studied include Bradstreet, Wheatley, Irving, Emerson, Hawthorne, Poe, Thoreau, Whitman, Dickinson, and Twain. This course will culminate with an extended evaluation of *Adventures of Huckleberry Finn*.

ENG 241 American Literature II 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

This course focuses on the works of major authors from the late-nineteenth century to the recent past. Students will also examine significant movements of American literature in the twentieth century, beginning with Naturalism and progressing to Post-Modernism. Authors whose works will be studied include Bierce, Chopin, London, Stevens, Frost, Eliot, Fitzgerald, Hemingway, Steinbeck, Faulkner, Miller, Hughes, O'Connor, and Carver.

ENG 242 Women's Literature 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

This course provides a survey of issues related to women and gender as presented in women's literature. The course addresses Western female authors from the Middle Ages to the Twentieth Century. Emphasis is placed on in-depth critical analysis of the literature, and writing from research.

ENG 244 Modern American Poets 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

The emphasis of the course will be on reading and discussing twentieth century American poetry and examining the pleasures found therein. The course focuses on textual analyses of the poems.

ENG 245 The Art of Drama 3 cr.

LEC 3 hrs.

Corequisite: ENG 141

This course provides a survey of dramatic literature from The Golden Age of Greece to the present. The focus is on approaches to play analysis; different genres of plays, styles of production, and the importance of plot, action, character, language, sound and movement to the overall effect of a play. Emphasis is placed on critical analysis of plays, writing critical papers, and seminar-type discussion.

ENG246 Contemporary Fiction 3 cr.

Corequisite: ENG141

A comprehensive study of contemporary world fiction from the 1960's to present. Attention will also be given to existential and postmodern writings of the 40's and 50's. Students will be required to explore the themes and forms of fiction through the study of primary and secondary texts about the literary, cultural and philosophic movements of the post WWII era.

ENG250 Advanced Creative Writing Workshop 3 cr.

Prerequisite: ENG144 and ENG150

This workshop is designed to allow students to build on skills acquired in both the Poetry Writing Workshop (ENG144) and the Fiction Writing Workshop (ENG150). this course places an emphasis on creating a portfolio of original work for publication and/or for admission to a B.F.A./B.A. in Creative Writing program.

ENGLISH AS A SECOND LANGUAGE

ESL 035 ESL for College Prep 3 eq. cr.

LEC 3 hours.; LAB 1 hr.

This is a comprehensive course for intermediate and advanced non-native speakers of English, focusing on correcting common errors of English usage. The goal of the course is for students to learn effective verbal and written communication skills. The course will include an intensive review of grammatical structures and reading and writing skills. Placement in this course is based on test scores and/or self-referred. Successful completion of the course depends on both course work and a standardized exit exam. Eligible students will be placed accordingly in either developmental or college-level English courses.

FIRE SERVICE

FST 101 Introduction to Fire Science 3 cr.

LEC 3 hrs.

This course provides an overview to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. Successful completion of a state certified firefighter 1 program will meet requirements for Introduction to Fire Science.

FST 103 Building Construction for the Fire Service 3 cr.

LEC 3 hrs.

Prerequisite: FST 101

This course introduces basic construction principles and the special characteristics of wood and ordinary construction as they concern the fire service. Primary emphasis is on improving the fire officer's ability to ensure firefighter safety by recognizing common causes and indicators of failure and other hazards relating to building construction. Course material enables the fire officer to better predict the overall reaction of a building to fire conditions.

FST 106 Firefighting Strategies and Tactics 3 cr.

LEC 3 hrs.

Prerequisite: FST 101

This course provides an in-depth analysis of the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground. Specific topics include company officer leadership, safety, pre-fire planning, size-up, fire behavior, building construction, firefighting strategy and tactics, engine company and truck company operations, hazardous materials, and tactical exercises.

COURSE DESCRIPTIONS

FST 107 Fire Service Hydraulics 3 cr.

LEC 3 hrs.

Prerequisite: FST 101

This course provides a foundation of theoretical knowledge in order to understand the principles of the use of water in fire protection. This course will apply hydraulic principles to analyze and to solve water supply problems. The student will become familiar with the properties, principles, and concepts of fluids.

FST 110 Physics of Fire Dynamics 4 cr.

LEC 3 hrs.; LAB 3 hrs.

Prerequisite: FST 101

This course explores the theories and fundamentals of “how” and “why” fires start, spread, and are controlled. The physics of combustion, stages of fire, and flow and dynamics of smoke will also be addressed. The student will be introduced to fire analysis, computer modeling of fire situations, and fire safety design in structures.

FST 201 Fire Prevention Administration 3 cr.

LEC 3 hrs.

Prerequisite: FST 101

This course provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, and identification and correction of fire hazards. This class will also explore the relationship of fire prevention to built-in fire protection systems, as well as fire and life-safety education.

FST 202 Fire Service Management 3 cr.

LEC 3 hrs.

Prerequisite: FST 101

This course introduces the student to the principles of personnel management through the use of effective leadership techniques. Topics include the overview of the fire service as an organization and the officer’s role in it; interpersonal communications; personality typing; skill development; leadership techniques; group dynamics, and principles of fire company management.

FST 205 Fire Protection Systems 3 cr.

LEC 3 hrs.

Prerequisite: FST 101

This course serves as an introduction to fire detection and suppression systems. The course provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, and special protection and sprinkler systems. Water supply for fire protection and portable fire extinguishers will also be discussed.

FST 207 Fire Investigation 3 cr.

LEC 3 hrs.

Prerequisite: FST 101

This course is intended to provide the student with the fundamental and technical knowledge needed for proper fire scene interpretations. This course will address conducting and recognizing origin and cause, documentation and preservation of evidence, scene security, motives of the fire setter, and types of fire causes.

FIRST YEAR EXPERIENCE

FYE 101 Foundations of Success 1 cr.

This course eases the adjustment to college life by helping the student develop the skills and information necessary to succeed at WCCC. Topics covered include seminars on developing a purpose for being in college, making connections with WCCC resources, time management, stress management, note taking, test taking, academic planning, and moving on beyond WCCC.

FOOD AND BEVERAGE MANAGEMENT

FBM 101 Introduction to Food and Beverage Management 3 cr.

LEC 3 hrs.

This course gives an overview and introduction to food and beverage management. Starting from an historical perspective of the traditional components of this industry, the course will highlight the dynamic nature of past and present events that influence the conduct of the industry. This course is the foundation in preparing graduates for management in the fast-paced and challenging field of the food service industry.

COURSE DESCRIPTIONS

FBM 110 Food Preparation I 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee:\$75

An introduction to the principles, skills and techniques necessary for basic food preparation. Areas of culinary study will include the understanding and performing of a wide variety of cooking techniques to prepare basic and advanced menu items, the use of commercial kitchen equipment and recipes, the practice of basic sanitation and safety techniques. Scientific principles and sensory evaluation will also be emphasized.

FBM 111 Baking and Pastry Arts 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee:\$75

The Baking and Pastry Arts course provides students the opportunity to develop the skills and knowledge needed for employment in the baking and pastry field. Students will have the opportunity to apply their skills by operating an on-site restaurant with a "made-to-order" bakery service. Baking and pastry skills are essential elements in being prepared for the food and beverage management field.

FBM 132 Applied Food Service Sanitation 3 cr.

LEC 3 hrs.

This certification course will provide students with the knowledge to apply basic sanitation principles, to practical situations. Students will learn methods for training and motivating employees to follow sanitation procedures in all food handling functions. In addition, the course prepares foodservice managers or supervisors with the skills, knowledge and attitudes necessary to ensure that the health of the consumer is safeguarded from contamination hazards.

FBM 210 Food Preparation II 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee:\$75

Prerequisite: FBM 110

A course in commercial food preparation where students actively manage others and prepare meals according to principles of quantity food production. Students will learn the aspects of pricing, productivity, controlling and directing of personnel, and the planning of menus. Economic feasibility, productivity and maintenance of quality standards are emphasized.

FBM 211 Food, Beverage and Labor Cost Controls 3 cr.

LEC 3 hrs.

This course is designed to provide students with the basic framework on which to build a solid understanding of controlling food, beverages, and labor costs. Emphasis is placed on sales analysis, pricing, portion control, cost analysis, menu scoring and guideline percentage tests for all major expense components integral to food and beverage operations. These "control" aspects of the food and beverage industry that dictate profit and loss.

FBM 230 Hospitality Purchasing 3 cr.

LEC 3 hrs.

This course enumerates the steps to be taken in setting up and maintaining an effective purchasing program. It focuses on issues pertaining to buyer-supplier relations, vendor selection, purchase negotiation, and evaluation of purchasing services.

FBM 232 Catering Management 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee:\$75

This course is an introduction to catering management in the hotel/restaurant industry. It provides an overview of the requirements in developing a successful catering program in hotels, restaurants, and private concerns. Students will recognize the factors involved in preparation and service which determine the acceptability of food (quality, quantity, appearance, palatability and price).

FBM 233 Beverage Management 3 cr.

LEC 3 hrs.

This course examines the complex product category of alcoholic beverages with the legal and social issues that require special attention from management. The wide range of products, their high costs, and legal concerns associated with serving alcohol call for unique procurement, inventory, and issuing systems. There is in-depth study of wine, beer, distilled spirits and non-alcoholic beverages. Topics related to profitable beverage management include marketing, developing wine lists, staff training and inventory control.

COURSE DESCRIPTIONS

FBM 242 Commercial Food Service Operation 4 cr.

LEC 2 hrs.; LAB 4 hrs.; LAB Fee:\$75

This course provides students hands-on experience in planning and operating a food service operation. The course will develop and refine food preparation and production skills through the operation of a restaurant located on the campus of Hunterdon County Polytech. Students will also be able to apply all theoretical education and skills acquired thus far in their studies.

FBM 293 Cooperative Experience 3 cr.

Prerequisite: 30 earned credits

Cooperative Education is an integration of classroom study with specific planned periods of learning through employment to gain practical experience. The course utilizes a seminar approach with performance based activities and individual student objectives which are related and evaluated through employer feedback.

* Courses in conjunction with Hunterdon County Vocational School District

FOREIGN LANGUAGES

FOR 101 Beginning Spanish I 3 cr.

LEC 3 hrs.

Corequisite: ENG 041 or appropriate placement test score

This course provides an introduction to understanding and speaking Spanish. Basic grammatical structures and elementary readings reinforce listening and oral skills.

FOR 103 Beginning French I 3 cr.

LEC 3 hrs.

Corequisite: ENG 041 or appropriate placement test score

This course provides an introduction to understanding and speaking French. Basic grammatical structures and elementary readings reinforce listening and oral skills.

FOR 133 Beginning French II 3 cr.

LEC 3 hrs.

Prerequisite: FOR 103

This course is a continuation of French I, with emphasis on the development of proficiency in speaking, reading, and writing in French.

FOR 151 Beginning Spanish II 3 cr.

LEC 3 hrs.

Prerequisite: FOR 101

This course is a continued study of grammatical structures, with emphasis on the subjunctive mood, and cultural readings.

FOR 201 Intermediate Spanish I 3 cr.

LEC 3 hrs.

Prerequisite: FOR 151

This course provides an expansion of language skills, with emphasis on conversation, composition, and a thorough grammatical review.

FOR 251 Intermediate Spanish II 3 cr.

LEC 3 hrs.

Prerequisite: FOR 201

This course emphasizes conversation based on literature and grammar review. Materials give a glimpse of Spanish and Latin American life, thought, and culture.

GEOGRAPHY

GEO 105 Cultural Geography 3 cr.

LEC 3 hrs.

This course examines the way in which the environment influences and impacts the development and evolution of human culture. The interaction of geography with cultural, economic, political and social factors will be examined.

GRAPHIC DESIGN

GRD 121 Computer Graphics I 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

This course introduces students to the hardware, software, and terminology related to the field of Computer Graphics. Students learn to develop creative visual solutions with both vector and raster applications (Adobe Illustrator and Photoshop). Design, layout and creative use of typography, as well as understanding the technical aspects of the various file formats, are covered.

GRD 122 Computer Graphics II 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Prerequisite: GRD 121

This course is a continuation of GRD 121 and introduces real-world projects that challenge the students both creatively and technically. Projects incorporate both raster and vector graphics in order to help students understand the strengths and limitations of each. Following guidelines, communicating ideas, and developing portfolio-quality artwork are stressed.

GRD 123 Graphics for the Web 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$30

Corequisite: GRD 121

Created for both designers and web programmers, this course teaches students how to choose file formats, optimize images for both color and size reduction and incorporate them into Web pages for cross-platform, and browser compatibility. Students learn how to turn a composite layout into table elements complete with JavaScript rollovers. Developing unique interface designs with consistent navigation and functionality is stressed. Standard image editing software and Web-specific applications are utilized.

GRD 131 Desktop Publishing I 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Corequisite: GRD 121

This course introduces students to page layout software (QuarkXPress) and teaches solid typesetting, layout and design skills for print-based media, such as brochures, newsletters and other business stationery. Managing imported graphics and fonts is covered, as well as basic pre-press issues such as producing color separations, maintaining image resolution and sending files for output. Other image creation software may be introduced.

GRD 132 Desktop Publishing II 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Prerequisite: GRD 131

This course offers students more challenging real-world project assignments while allowing for individual creativity. A solid understanding of typography, file formats, and pre-press is expected. In addition, students become more familiar with Quark's formatting tools (style sheets, master pages) to simplify the process of creating long documents or complex publishing tasks. Presentation and portfolio creation are also addressed.

GRD 151 3D Modeling and Animation 3 cr.

LEC 2 hrs.; LAB 2 hrs.; LAB Fee: \$25

Prerequisite: GRD 121 or approval of Professor

Students learn the concepts and techniques of three-dimensional modeling and animation for video graphics. Discusses traditional animation technique as it applies to 3-D computer graphics. Students are introduced to modeling animation software.

GRD 293 Graphic Arts Internship 3 cr.

Prerequisite: Approval of professor

This course provides students with opportunities to learn about careers in graphic arts and to integrate classroom learning with a hands-on work experience.

HEALTH AND PHYSICAL EDUCATION

HPE 129 Health and Physical Education 2 cr.

LAB 4 hrs; LAB Fee: \$50

This course studies and practices the principles of physical fitness. The development and application of personal fitness programs is emphasized. Students determine individual levels of cardiovascular fitness, muscular strength, body composition and stress.

HISTORY

HIS 101 Western Civilization I 3 cr.

LEC 3 hrs.

This course surveys Western civilization from its beginnings to 1648. Major topics include: ancient civilizations, Greece and Rome, the Middle Ages, the Renaissance, and the Reformation.

HIS 102 Western Civilization II 3 cr.

LEC 3 hrs.

This course summarizes Western civilization from 1648 to the present. Major topics include: the Scientific Revolution, the Enlightenment, the French Revolution, Nineteenth Century industrialization, and modern democracy and dictatorship.

HIS 113 American History I 3 cr.

LEC 3 hrs.

This course is a comprehensive survey of American history beginning with European settlement of the Americas and concluding with the events of the Civil War. Political, economic, cultural, and intellectual developments will be addressed.

HIS 114 American History II 3 cr.

LEC 3 hrs.

This course is a comprehensive survey of American history from 1865 to the present. The course examines basic issues of conflict and change over time and an emphasis is placed on political, economic, diplomatic, cultural and intellectual developments.

COURSE DESCRIPTIONS

HIS 210 African/American History 3 cr.

LEC 3 hrs.

The historical experience of African Americans has generally been overlooked and marginalized in the dominant historical narrative. The content of this course spans one hundred thirty years from the end of the Reconstruction to the present day and aims to write into the historical context of all Americans and African Americans, their contributions to shaping this nation and their distinct struggles and experiences.

HIS 220 History and Culture of Asian Civilizations 3 cr.

LEC 3 hrs.

This course focuses on the development of modern India, China and Japan. The course presents a cultural and historical survey of: India from Sixteen Century Islamic Mughal period to the present; China from the Eighteen Century decline of the Ch'ing Dynasty to the present; and Japan from the Tokugawa Shogunate in the Seventeen Century to the present. The underlying philosophical principles, major personalities, and events that shaped these societies are examined.

HIS 225 History of Women in America 3 cr.

LEC 3 hrs.

This course provides an introductory survey of women's changing role throughout American history, from Colonial times through the present. An emphasis is placed on the significance of key political changes, such as the American Revolution, the struggle over slavery, and the suffrage movement, as well as emergence of modern feminist thought in the Twentieth Century.

HIS 250 Twentieth Century Global History 3 cr.

LEC 3 hrs.

This course explores the ideas and events of the twentieth century. An emphasis is placed on the evolution of belief systems such as Communism and Fascism. Additional attention is paid to the emergence, escalation, and impact of the Cold War in global relations since 1945.

HIS 260 History of American Immigration 3 cr.

LEC 3 hrs.

This course centers on tracing the changing partners of American immigration and immigration policy. The course addresses the historical conflicts of assimilation and inclusion of racial and ethnic minorities into the American mainstream, both socially and politically.

HIS 270 World War II 3 cr.

This course is an in depth study of the history of World War Two. Major emphasis will be given to the causes of World War Two beginning with its roots in the aftermath of World War One, the social, political and, economic forces that led to the rise of totalitarianism, fascism and militarism in Italy, Germany and, Japan, the Holocaust and the Allied response to it, outbreak of World War Two, the United States in World War Two, the home fronts and Allied victory. In order to understand World War Two as the global historical event it was, we will examine it through a global prism to give a balanced presentation of both the European and Pacific theaters and the connections between them.

INTERNSHIP

INT 291 Internship 1 cr.

Prerequisite: Approval of Vice President of Academics

This one-credit course provides students with the opportunity to learn about careers in, and the operations of, public- and private-sector organizations, while receiving specialized training and work experience related to the students' career goals.

INT 292 Internship 2 cr.

Prerequisite: Approval of Vice President of Academics

This two-credit course provides students with the opportunity to learn about careers in, and the operations of, public- and private-sector organizations, while receiving specialized training and work experience related to the student's career goals.

COURSE DESCRIPTIONS

INT 293 Internship 3 cr.

Prerequisite: Approval of Vice President of Academics

This three-credit course provides students with the opportunity to learn about careers in, and the operations of, public- and private-sector organizations, while receiving specialized training and work experience related to the student's career goals.

MATHEMATICS

MAT 050 Basic Math 3 eq. cr.

LEC 4 hrs.

This course helps students strengthen their arithmetic skills. Topics include whole numbers, fractions, decimals, percents, and algebraic concepts. Placement in this course is based on the Basic Math placement test score.

MAT 051 Introductory Algebra 3 eq. cr.

LEC 4 hrs.

Prerequisite: MAT 050 or appropriate placement test score

This course prepares students for selected college level mathematics courses (Math 110 or 111) and provides the first of two sequential courses for students requiring College Algebra (Math 131) or Statistics (Math 151). This course serves students as an introductory/review of basic elementary algebra skills covering the general topics of number theory, equation solving, inequalities, use of exponents, radical notation, polynomials and factoring.

MAT 052 Intermediate Algebra 3 eq. cr.

LEC 4 hrs.

Prerequisite: MAT 051 or appropriate placement test score

This course is designed to prepare the student for college-level mathematics (Math 131) and Statistics (Math 151). It provides the second of two sequential courses for students requiring College Algebra (Math 131) or Statistics (Math 151). This course serves students as an intermediate/review of basic elementary algebra skills covering the general topics of properties of real numbers, polynomials, rational expressions, linear equations, factoring quadratics, graphing methods, logarithmic, and exponential functions.

MAT 053 Introductory and Intermediate Algebra

Prerequisite: MAT 051 or appropriate placement test score

This course is designed to prepare the student for college-level mathematics (Math 131) and Statistics (Math 151). It provides both the first and second of two sequential courses for students requiring College Algebra (Math 131) and Statistics (Math 151). This course serves students as an introductory and intermediate review of basic elementary algebra skills covering the general topics of properties of real numbers, number theory, equation solving, inequalities, polynomials, rational expressions, linear equations, factoring quadratics, graphing methods, radical notation, logarithmic, and exponential functions.

MAT 110 Topics of Mathematics 3 cr.

LEC 3 hrs.

This is a survey course that satisfies the mathematics requirement for only certain programs. Topics include: problem solving, logic, numeration systems and number theory, geometry, combinatorics and probability, and apportionment and voting.

MAT 111 Mathematical Analysis for Business and Economics 3 cr.

LEC 3 hrs.

Prerequisite: MAT 051 or appropriate placement test score.

This course covers mathematical topics that are used in business and economics with an emphasis on applications. Areas of study include: bank services, payroll, mathematics of buying and selling, simple and compound interest, business and consumer loans, taxes and insurance, depreciation, and financial statements.

MAT 131 College Algebra 3 cr.

LEC 3 hrs.

Prerequisite: MAT 052 or appropriate placement test score

This course covers topics such as sets, functions, analytic geometry, polynomials, graphing techniques, inverse functions, exponential functions, and logarithmic functions. The use of technology, such as computers and graphing calculators (TI-89), is required.

COURSE DESCRIPTIONS

MAT 141 Precalculus 3 cr.

LEC 3 hrs.

Prerequisite: MAT 131 with a grade of C or better

This course covers trigonometric properties and identities, inverse trigonometric functions, theory of equations and matrices, limits, vectors, conic sections, and advanced problem solving. The use of technology, such as computers and graphing calculators (TI-89), is required.

MAT 151 Statistics 3 cr.

LEC 3 hrs.

Prerequisite: MAT 052 or appropriate placement test score

This course is an introduction to quantitative analysis involving descriptive and inferential statistics. Topics include: data value summary, probability, discrete and continuous distributions, random sampling, and hypothesis testing. The use of advanced (TI-89) scientific graphing calculators is required. Microsoft Excel will be used throughout this course.

MAT 201 Calculus I 4 cr.

LEC 4 hrs.

Prerequisite: MAT 141

The course introduces the fundamentals of differential and integral calculus. Topics include: limits and their properties; differentiation; applications of differentiation; integration; and logarithmic, exponential, and other transcendental functions. The use of advanced (TI-89) scientific graphing calculators is required.

MAT 202 Calculus II 4 cr.

LEC 4 hrs.

Prerequisite: MAT 201

This course continues the study of Calculus (MAT 201). Topics include: applications of integration; integration techniques; infinite series; and conics, parametric equations, and polar coordinates. The use of advanced (TI-89) scientific graphing calculators is required.

MAT 261 Calculus III 4 cr.

LEC 4 hrs.

Prerequisite: MAT 202 with grade C or higher

This course continues the study of calculus (MAT 201 and MAT 202). This is the third semester of calculus. Topics include: vectors, vector-valued functions, vector calculus, curves in space, functions of several variables, partial differentiation, directional derivatives, gradients, multiple integrals, line integrals, Green's Theorem, Divergence Theorem, and Stoke's Theorem. Applications will be studied throughout the course. Problems are considered from a variety of points of view, including graphical, numerical, verbal, and visual. The use of advanced graphing calculators (TI-89) is required.

MEDICAL ASSISTING

MED 176 Anatomy, Physiology, Pathology 3 cr.

LEC 3 hrs

Prerequisite: Admission into the Medical Assisting Program

Corequisite: MED 177

This course is an introduction to the parts and functions of the human body and its fluctuating health states. Focus is on the fundamentals of the various body systems and the principles of the disease process involved.

MED 177 Medical Terminology 3 cr.

LEC 3 hrs

Prerequisite: Admission into the Medical Assisting Program

Corequisite: MED 176

This course reviews the structure and use of medical words. Students will be able to build a professional vocabulary based on an understanding of prefixes, suffixes, word roots, and combining forms. Learn how to spell, define and pronounce medical terms and how to use a medical dictionary.

MED 178 Pharmacology and Medication Administration 3 cr.

LEC 3 hrs

Prerequisite: MED 176, MED 177, MED 179, MED 182, MED 185, MED 186, MED 187

Corequisite: MED 18

This course introduces common medications, their uses, side effects, and dosages. It will also cover AMA standards for dispensing and administering medications.

COURSE DESCRIPTIONS

MED 179 Therapeutic Communications 3 cr.

LEC 3 hrs.

Prerequisite: Admission into the Medical Assisting Program

Corequisite: MED 186

This course is designed to focus on the professional relationship between health care professionals and the clients they serve. Emphasis is placed on developing a solid understanding of self and others in order to help clients with their different needs and the use of appropriate therapeutic responses necessary for specific populations.

MED 180 Medical Office Laboratory 3 cr.

LEC 3 hrs.

Prerequisite: MED 176, MED 177, MED 179, MED 182, MED 185, MED 186, MED 187

Corequisite: MED 181

This course will introduce the student to the purpose, collection/procedural techniques and recording of diagnostic laboratory procedures commonly performed in the medical office

MED 181 Clinical Assisting 3 cr.

LEC 3 hrs.

Prerequisite: MED 176, MED 177, MED 179, MED 182, MED 185, MED 186, MED 187

Corequisite: MED 180

This course includes instruction in the clinical procedures commonly performed in an outpatient, ambulatory care medical facility/physician's office.

MED 182 Health Care Law and Ethics 3 cr.

LEC 3 hrs.

Prerequisite: Admission into the Medical Assisting Program

This course introduces the student to the legal and ethical aspects of the medical office and provides a foundation which is intended to aid in preventing malpractice litigation and to inform and alert employees in the health care delivery system of their legal and ethical obligations and rights, and those of the physician and patient.

MED 185 Insurance/Coding/Billing 3 cr.

LEC 3 hrs.

Prerequisite: MED 176, MED 177

Corequisite: MED 186

This course will enable students to become proficient with the use of ICD-9 and CPT coding in the medical office environment and will orient the students into managed care networks and recognize their influence on medical office billing and management.

MED 186 Medical Office Procedures 3 cr.

LEC 3 hrs.

Prerequisite: MED 176, MED 177

Corequisite: MED 185

This course provides the student with the necessary skills to work in an administrative capacity in an outpatient medical office and/or ambulatory care setting. Emphasis on medical ethics and proper record keeping will enable the student to be prepared for office management.

MED187 Computerized Office Procedures 3 cr.

LEC 3 hrs.

Prerequisite: Admission into the Medical Assisting Program

Corequisite: MED 176, MED 177, CSC 112

This course introduces students to the typing fundamentals necessary for medical record and report format typing, using medical transcription techniques and the dictation machine. Students are introduced to the use of Electronic Medical Records (EMR), using the *Spring Charts* software, and the Medisoft billing software, which include a full range of functionalities that allow members of the health care delivery team to store, access, and use patient medical information for patient management and claims processing.

MED 224 Externship Practicum 3 cr.

Prerequisite: Completion of all MED courses

The 160-hour externship practicum takes place in an outpatient/ambulatory care environment. Students gain hands-on experience performing all clinical and administrative competencies, as required by the AAMA. Assignments are made by the institution and rotations are completed without remuneration.

COURSE DESCRIPTIONS

MUSIC

MUS 191 Introduction to Music 3 cr.

LEC 3 hrs.

This course provides a critical examination of the structural and expressive elements of music, from the 1600s to the present, which leads the listener to a greater appreciation of music.

MUS 195 Fundamentals of Music Theory 3 cr.

LEC 3 hrs.

Prerequisite: ENG 042, MAT050 or appropriate placement test score

This course provides the basic elements and concepts of music, including the writing and interpreting of musical symbols, and constructing scales, intervals, and triads. Students are trained in the skills of musicianship using ear training, sight singing, and dictation.

MUS 201 Guitar I 3 cr.

LEC 2 hrs.; LAB 2 hrs.

This course teaches fundamental guitar playing, including developing technique, learning to read music, learning chord forms, basic music theory, and development of a song repertoire. This course is designed for students with little or no guitar experience. Students must provide their own instrument.

MUS 211 World Music Cultures 3 cr.

LEC 3 hrs.

Credit will be given for either MUS 211 or SOC 211.

This course focuses on folk, tribal and classical music traditions of non-Western cultures. Connections between regions, countries, musical styles, instruments, and dance are established through an introduction to the diversity of the ways in which music is made and played throughout the world.

NURSE EDUCATION

NSG 101 Nursing I 6 cr.

LEC 2 hrs., LAB 3 hrs., CLINICAL 9 hrs.

Prerequisite: Admission to the Nurse Education Program, CHE 110, CSC 112, FYE 101

Corequisite: BIO 262, ENG 140, PSY 101, NSG 102

This course introduces students to the profession of nursing, health care delivery systems, critical thinking, and concepts basic to nursing. An additional focus of the course is promotion, restoration, and maintenance of health. The nursing process is introduced with a focus on assessment of basic human needs across the lifespan. Students will administer care to clients with stable alterations in human functions in a variety of health care settings.

NSG 102 Nursing II 1 cr.

LAB 3 hrs.

Prerequisite: Admission to the Nurse Education Program, CHE 110, CSC 112, FYE 101

Corequisite: BIO 262, ENG 140, PSY 101, NSG 101

This course focuses on assessing a client's health status via a nursing health history and a physical examination that is conducted in a systematic and effective manner.

NSG 103 Nursing III 8 cr.

LEC 4 hrs., CLINICAL 12 hrs.

Prerequisite: NSG 101, NSG 102

Corequisite: BIO 263, ENG 141

This course introduces students to the concepts and theories of nursing care of special clients: men, older adults, and surgical clients. Care of individuals and families who have needs related to fluids and electrolytes, oxygenation, and circulation are included. Management of pain is incorporated within the course, along with the cultural implications of practice. An additional focus of the course is the application of the nursing process for clients with mild to moderate alterations in human functions.

NSG 204 Nursing IV 9 cr.

LEC 4 hrs., LAB 3 hrs., CLINICAL 12 hrs.

Prerequisite: NSG 103, BIO 264

Corequisite: PSY 175

This course introduces students to the concepts and theories of nursing care of special groups. The focus is on the expectant family, children, women and mentally ill clients across the life span with needs related to gender, age, and life events.

COURSE DESCRIPTIONS

NSG 205 Nursing V 8 cr.

LEC 3 hrs., LAB 3 hrs., CLINICAL 12 hrs.
Prerequisite: NSG 204
Corequisite: NSG 206, Humanities Elective

This course introduces the student to the care of clients in a variety of settings having moderate to severe deviations in health. Opportunity for students to care for clients in specialty units is incorporated. In addition, the course focuses on delegation, the management of client care, and leadership.

NSG 206 Nursing VI 2 cr.

LEC 1 hr.
Prerequisite: NSG 204
Corequisite: NSG 205, Humanities Elective

This course provides the theoretical framework upon which the concepts of leadership, delegation, management, and the ethical/legal parameters of nursing care are based. Additionally, students prepare for successful outcomes on the NCLEX-RN licensure examination.

PHILOSOPHY

PHI 101 Introduction to Philosophy 3 cr.

LEC 3 hrs.
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This course introduces philosophical analysis by examining recurrent philosophic problems. It emphasizes the meaning of truth, mind and body, free will and determination, belief in God, the status of law, and the nature of reality.

PHI 102 Ethics and Moral Problems 3 cr.

LEC 3 hrs
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This course provides a theoretical and practical study of personal and social attitudes and ethical issues, with emphasis on human evil and goodness, freedom and responsibility, choice, and happiness.

PHI 103 Logic and Argument 3 cr.

LEC 3 hrs.
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This course introduces the logic of persuasion and proof through the examination of the principles of rational argument. The course covers the nature of inference, validity and soundness; types of formal and informal reasoning; truth, meaning, and definition; and fallacies. An emphasis is placed on critical thinking in a college environment.

PHI 204 Comparative Religion 3 cr.

LEC 3 hrs
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This course presents a comprehensive review of the major tenets of the world's great religions and examines their influences on humankind.

PHI 251 Perspectives on Death and Dying 3 cr.

LEC 3 hrs
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This course provides an approach to death and dying in the context of life and living. Students develop their personal perspectives with respect to their own dying and death and that of the people around them.

PHI 261 Myth and Culture 3 cr.

LEC 3 hrs
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This course examines the structures of the religious imagination and its sacred stories and how they shape our sense of self and society. Themes covered include Creation, Sacred Trees, the Sun and Moon, the Hero, the Trickster, the Warrior, goddesses, the Lovers, the Healer, the Teacher, and the End of the World. Greek mythology and examples from ancient and contemporary culture are used. Projects of making mandalas, masks, drawings, poems and dream accounts are included.

PHYSICS

PHY 111 College Physics I 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35
Prerequisite: ENG 042, MAT 052 or appropriate placement test score

This is the first semester of a two-semester applied science physics course covering Newton's laws, vectors, particle kinematics, dynamics, the gas laws, the conservation of energy, fluid mechanics, and thermodynamics.

PHY 112 College Physics II 4 cr.

LEC 3 hrs.; LAB 3 hrs.; LAB Fee: \$35
Prerequisite: PHY 111

This course covers the essentials of direct current circuitry, resistance and conductance, capacitance, inductance, electric and magnetic fields, the magnetic properties of materials, electromagnetic waves, spectroscopy, and optics.

COURSE DESCRIPTIONS

PHY 211 General Physics I 4 cr.

LEC 3 hrs; LAB 3 hrs; LAB Fees: \$35
Prerequisite: MAT 201, ENG 042 or appropriate placement test score

This course presents the first semester of a calculus-based physics course covering Newton's laws, vectors, particle kinematics, dynamics, the gas laws, the conservation of energy, fluid mechanics, and thermodynamics.

PHY 212 General Physics II 4 cr.

LEC 3 hrs; LAB 3 hrs; LAB Fees: \$40
Prerequisite: PHY 211, MAT 201
Corequisite: MAT 202

This course presents the second semester of a calculus-based physics course and introduces the concepts of electricity and magnetism. Major topical discussions include electric fields, direct current circuits, magnetic fields, and alternating current circuits.

Political Science

POL 101 Introduction to American Government 3 cr.

LEC 3 hrs.

This course examines the development, structure, and organization of federal, state, and local levels of the American federal union. Topics include the Congress, the Presidency, political parties, political groups, and constitutional liberties.

POL 110 Introduction to Law 3 cr.

LEC 3 hrs.

Credit will be given for either POL 110 or LST 110

This course provides an examination of the historical basis and the current structure of the American legal system, including the legislative, judicial and executive functions. The course also provides introduction to the substantive and procedural aspects of law, including contracts and business, real and personal property, torts and negligence, criminal law, family law, and wills and estates. Ethical responsibilities are stressed.

POL 115 State and Local Government 3 cr.

LEC 3 hrs.
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This is an introductory course in the theory and practice of state and local government. Special emphasis is placed on the administration of selected New Jersey government agencies, with an overview of contemporary political problems and skills necessary for entering the administrative and paralegal areas of government.

POL 201 International Relations 3 cr.

LEC 3 hrs.
Corequisite: ENG 041, ENG 042 or appropriate placement test score

This course examines the state system and basic principles that regulate international relations, including ideology, self-interest, nationalism, power, and the use of force. It studies the search for peace and security through international law and international organization, with reference to traditional concepts and current issues.

PSYCHOLOGY

PSY 101 Introduction to Psychology 3 cr.

LEC 3 hrs.
Corequisite: ENG 042 or appropriate placement test score

This course provides a study of the nature and behavior of humans. The course presents major concepts, principles, and processes concerned with human functioning, both as individuals and as social beings.

PSY 120 Child Growth and Development 3 cr.

LEC 3 hrs.
Prerequisite: ENG 041, ENG 042 or appropriate placement test score
Corequisite: ENG 140

This course studies the growth and development of children from birth to age eight. This course also examines major theories related to physical/motor development and develops strategies for promoting and enhancing development of the young child.

PSY 175 Human Growth and Development 3 cr.

LEC 3 hrs.

Prerequisite: PSY 101

Corequisite: ENG 140

This course provides an overview of human development from conception to death. Special attention is given to the effects of psychological and social factors on development.

PSY 181 Child Psychology 3 cr.

LEC 3 hrs

Prerequisite: PSY 101

Corequisite: ENG 140

This course studies normal prenatal to adolescent development and the inter-relationships among various aspects of biological, cognitive, personality, and social factors.

PSY 183 Social Psychology 3 cr.

LEC 3 hrs

Prerequisite: PSY 101

Corequisite: ENG 140

This course studies the role of cultural values, status, relationships, and social institutions in the shaping of individual personality, public opinion, and collective behavior.

PSY 212 Theories of Personality 3 cr.

LEC 3 hrs

Prerequisite: PSY 101

Corequisite: ENG 140

This course surveys current personality theories and their historical development, emphasizing the structure, development, and analysis of the organized behavior of the individual.

PSY 220 Human Sexuality 3 cr.

An examination of sexual development, with a view towards patterns that are self-actualizing. Some of the areas of study are relationships, marriage, functions of the anatomy involved in reproduction and sexuality, pregnancy and childbirth, birth control, STI's, HIV, and sexuality through the life cycle.

PSY 230 Psychology of Aging 3 cr.

LEC 3 hrs

Prerequisite: PSY 101

Corequisite: ENG 140

This course covers a continuum of adult development from age eighteen to death. A multidisciplinary approach that addresses the biological, psychological and sociological forces responsible for aging is utilized. The primary focus of the course is the interplay between the individual and the environment. The interplay of age, cohort, gender, race/ethnicity, socioeconomic status, and culture are emphasized and integrated throughout the course.

PSY 270 Special Topics in Psychology 3 cr.

LEC 3 hrs.

Prerequisite: ENG 140, PSY 101

This course is designed to permit students to enroll in a psychology course that studies a specific topic or problem in a discipline. Since topics may change, students should consult the course offering schedule each semester. Adolescent and forensic psychology are examples of the course topics.

PSY 242 Multicultural Psychology 3 cr.

LEC 3 hrs.

Prerequisite: PSY 101, ENG 140

This course satisfies the Diversity and Global Perspective requirement.

This course will provide students with an understanding of major theoretical perspectives on the experience and social construction of cultural differences. Topics of exploration includes differences in worldviews, communication, racial and cultural identity development, immigration, as well as gender, sexuality, age and ability from a psychological perspective. This course provides students with a foundation for understanding the origins and maintenance of various cultures within the United States, while also including global cultural comparisons.

COURSE DESCRIPTIONS

PSY 245 Forensic Psychology 3 cr.

Prerequisites: ENG 140, PSY 101

This course is designed for both criminal justice and psychology students to explore the fundamentals of forensic psychology as it pertains to criminal law. Students will gain an appreciation for the diversity and complexity of this subject as well as understand basic methods of profiling, jury selection, interrogation, insanity defenses, interviewing children and predicting violent behavior using risk assessments. Students will also examine workplace law, sentencing and the controversial topic of the death penalty.

PSY 280 Abnormal Psychology 3 cr.

LEC 3 hrs

Prerequisite: PSY 101

Corequisite: ENG 140

This course covers the classification, psychodynamics, treatment, and prognosis of mental disorders. The characteristics of these disorders, their etiology, and various approaches to treatment and remediation are emphasized.

PSY 281 Adolescent Psychology 3 cr.

LEC 3 hrs

Prerequisite: PSY 101

This course focuses on the scientific study of the biological, psychological, cognitive, personality, and social changes that occur during adolescence; includes the effects of heredity and culture, major theories, moral development, gender role issues, sexuality, and family relationship issues.

PSY 282 Psychology of Women 3 cr.

LEC 3 hrs

Prerequisite: PSY101

Corequisite: ENG140

This course analyses sex roles and sex typing for both women and men, as well as the personality development, physiology and sexuality of women. It reviews traditional and alternative theoretical and therapeutic models relative to women.

PSY 284 Educational Psychology 3 cr.

LEC 3 hrs.

Prerequisite: PSY 101

Corequisite: ENG 140

Credit will be given for either PSY 284 or EDU 284.

This course surveys the principles of psychology as applied to the classroom and emphasizes how learning processes are affected by environment, experimental, and developmental factors.

PSY 290 Health Psychology 3 cr.

LEC 3 hrs.

Prerequisite: PSY 101

Corequisite: ENG 140

This course uses an experimental approach to the nature of physical and mental health. Students discuss major concepts, principles, and hands-on experiences that can be used for physical and mental well being.

PSY 299 Introduction to Psychosocial Rehabilitation 3 cr.

LEC 3 hrs.

This course enables students to identify the methods by which individuals with severe mental illness are helped in psychiatric and treatment settings. Classroom lectures and discussions provide students with opportunities to explore concepts unique to psychiatric rehabilitation, including its history, philosophy and values. Student begin to conceptualize psychiatric rehabilitation as a set of innovative modalities designed to restore the individual to his/her maximum level of functioning.

SOCIOLOGY

SOC 103 Introduction to Sociology 3 cr.

LEC 3 hrs.

This course covers basic principles and fundamental sociological concepts; interaction patterns of individuals, groups, cultures, and societies; social changes; and social problems.

SOC 110 Sociology of Education 3 cr.

LEC 3 hrs.

This course provides a sociological study of education, providing an overview of the relationship between the school and society. Students analyze the role of the contemporary school, its structure and evolving function. Topics in this course include the school as an agent of social change, the role of teachers, multiculturalism, human developmental stages, domains of learning, the historical social role of education, and the role of the school in character or values education.

SOC 120 Racial and Ethnic Relations 3 cr.

LEC 3 hrs.

This course provides a review of the historical experiences of racial and ethnic groups in American society. It provides analysis of the social, political and economic situations of minority groups up to the present.

COURSE DESCRIPTIONS

SOC 186 Marriage and the Family 3 cr.

LEC 3 hrs.

This course presents a sociological examination of the traditional and changing institutions of marriage and the family in contemporary society.

SOC 191 Introduction to Social Work 3 cr.

LEC 3 hrs.

This course provides a historical overview of the societal patterns of dealing with human problems, from ancient to modern times, as reflections of changing values, institutions, and philosophy.

SOC 202 Contemporary Social Problems 3 cr.

LEC 3 hrs.

Prerequisite: SOC 103

This course examines selected social problems, such as poverty, ethnic relations, population growth, and pollution from a macrosociological point of view. It emphasizes how sociological insights can trigger revelation value judgments about social structure.

SOC 211 World Music Cultures 3 cr.

LEC 3 hrs.

Corequisite: ENG 140

Credit will be given for either SOC 211 or MUS 211

This course focuses on folk, tribal and classical music traditions of non-Western cultures. Connections between regions, countries, musical styles, instruments, and dance are established through an introduction to the diversity of the ways in which music is made and played throughout the world.

SOC 275 Special Topics: Victim Advocacy 3 cr.

Prerequisite: 6 credits received in Social Science courses

This special topics course is designed Social Science majors who wish to obtain a certificate to become a Victim Advocate. The course explains the roles and responsibilities of an advocate and volunteer in a crisis center. This course also teaches students how to properly work with clients following procedure and protocol and trains them in how to address client issues.

SOC 293 Social Science Internship 3 cr.

Prerequisite: Approval of Advisor

The Social Science Internship program provides social science students the opportunity to integrate classroom learning with practical work experience. The internship of 135+ hours is with local organizations or non-profit agencies, with or without compensation. This course is open to matriculated students and provides academic credit for career work.

THEATRE

THE 193 Introduction to Theatre 3 cr.

LEC 3 hrs.

This course explores the elements that contribute to a live theatre performance, including the theatre's history and the structure of drama. Students examine sets, costumes, and lighting, as well as the roles of the people who make the theatre come alive.

THE 194 Introduction to Acting 3 cr.

LEC 2 hrs.; LAB 2 hrs.

This course provides an eclectic approach to the art of acting. It is recommended for beginning and intermediate actors and provides a basic technique through observational exercises, improvisation, and fundamental scene work.



STUDENT SERVICES

Academic Advisement

Academic advisement is a critical part of the educational experience at WCCC. Academic advisors assist students with questions concerning career choice, selecting a major, finding a transfer college, selecting course work, determining how to complete graduation requirements, attempting an appropriate credit load, discovering helpful study routines, changing career goals, adding/dropping courses, career-building and more.

Advisors specializing in career direction and development, program of study selection and transfer planning for attending a four-year institution are also available in the Office of Student Services. See the *Career Planning and Transfer Planning* sections for more detail. Students can schedule an appointment by calling (908) 835-2300.

Educational Opportunity Fund (EOF)

The Warren County Community College EOF is a state-funded program that provides additional financial and academic assistance to students who meet certain educational and economic criteria. Financial assistance consists of grant money each semester the student is enrolled. Academic assistance consists of advisement, assistance with registration, and monitoring of academic performance to determine appropriate counseling and support services to ensure academic success. In addition, students participate in career preparation activities and receive college transfer assistance.

To qualify, applicants must:

- Have earned a high school diploma or GED
- Be a first generation college student
- Have resided in New Jersey for at least one year
- Demonstrate financial eligibility as evaluated by the New Jersey State Eligibility Index (NJEI)

To apply, applicants must complete a WCCC application as well as a FAFSA. Please visit Student Services to speak with the EOF Coordinator or call (908) 835-2305 to set up an appointment.

Computer Facilities

Warren County Community College offers wireless technology throughout its campus facilities. In addition, all classrooms are equipped with either Smartboard or computer technology. The Library provides computing and printing needs for students and a help desk is available for students (support@warren.edu). Students are provided accounts for access to webmail and distance learning technology (E-Learning). Please contact the IT office for additional information at (908) 835-2320.

Tutoring

The Instructional Support Center provides free tutoring services to all Warren County Community College students. The ISC is staffed with trained professional and peer tutors experienced in assisting WCCC students. Tutors are available day and evening by appointment for Mathematics, Science, Accounting and English (which includes assistance with research papers, essays study skills). Tutoring in all other subjects is available upon request. For more information about the services available, visit the ISC site, call (908) 835-2354, or visit Room 105 across from the WCCC Library.

Services for Students with Disabilities

WCCC is committed to accommodating students' special needs, including those of a learning, psychological, or physical nature.

To request accommodations, written documentation of the disability must be submitted for review to the Office of Student Services. Documentation must include professional evaluation and diagnosis of the disability, description of how the disability affects the student's ability to learn and suggested learning strategies that may assist you in compensating for the disability.

Documentation should be submitted several weeks prior to enrollment in order to allow sufficient time for the College to arrange accommodations.

Examples of classroom accommodations may include adapted testing/assignments, notetakers, readers, interpreters and audiotaping. The College does not provide equipment, aids, or individually prescribed devices for personal use. Referrals to external agencies may be provided for securing this assistance.

STUDENT SERVICES

All information provided to WCCC regarding the nature of a disability, and the need for academic accommodation is confidential. This information is maintained separate from academic records and is not shared with instructors or any other individual without the student's written consent. For further assistance, contact Rebecca Mellinger, Disability Coordinator, at (908) 835-2625, to see her in the Office of Student Services, Room 119, First Floor.

Student Activities

All students are invited to take an active role in college life and activities. A variety of extra-curricular programs are available for WCCC students. WCCC encourages students to form new academic, career, cultural, and social clubs. See the WCCC Student Handbook, available in the Office of Student Services and online, for more information.

Career Planning

An important function of a college education is to prepare students to build a purposeful and satisfying career plan. Through the Office of Student Services, WCCC provides a wide variety of career planning and job-search assistance, including:

- Personal career advising to assist in identifying career options and making appropriate college major choices
- Career resources, including books and computer programs that provide helpful information about careers, job hunting, resume writing, and many related topics. Computers are available to conduct self-directed Internet research on colleges, careers, jobs, financial aid and scholarship programs.
- Career interest surveys to help identify possible career paths
- Small-group workshops on all phases of career development and job search
- Job listings, updated on a daily basis

Students are encouraged to schedule an appointment with a career advisor by visiting the Office of Student Services or calling (908) 835-2300.

WCCC Statement of Rights and Responsibilities

The primary responsibility of the College community is to create conditions that provide beneficial educational experiences and an atmosphere of mutual respect for the rights and opinions of individuals or groups as long as such expression does not infringe upon the rights of others. The purpose of the statement is to list the provisions necessary to secure and respect conditions conducive to the freedom to learn.

WCCC Standards of Academic Conduct

- A. Students are expected to attend every class meeting.
- B. Students are expected to be prepared for every class meeting and to make up any missed assignments.
- C. Students are obligated to extend to one another and to faculty respect and courtesy as members of the College community.
- D. Students have an obligation to conduct their academic activities honestly and conscientiously. They should:
 1. Follow the content and procedures as outlined in the course syllabus.
 2. Receive grades based on fair, unbiased evaluation instruments without regard to race, color, sex, sexual orientation, religion, age, disability, or material status.
 3. Submit work on time as determined by the instructor.
 4. Give appropriate recognition by name for their contributions to published materials.
 5. Respect the confidentiality of information regarding other students that is contained in any college record. Such information shall not be released, except by the College Registrar or with student's consent, or as otherwise required by law.
 6. Refrain from reference during examination or other academic evaluative process to other individuals or materials not authorized by the instructor.

In addition, they shall not:

7. Possess, purchase, sell, or use any materials intended to be part or the whole of an examination or other evaluation process unless otherwise authorized to do so by the instructor.
8. Act as substitutes for other students in any evaluative process.
9. Avail themselves of any aid in any manner expressly prohibited by the instructor in the research preparation, creating, writing, or performing of work to be submitted for academic credit or evaluation.
10. Aid other students in a manner expressly prohibited by the instructor in the research, preparation, creating, writing, or performing of work to be submitted for academic credit or evaluation.
11. Present as their own academic work ideas or work of another person without proper acknowledgement of sources.

Violation of these rules can lead to a failure for a course and/or expulsion from the College.

WCCC Standards of Community Conduct

The following standards and regulations are designed to protect rights, privileges and property of all individuals associated with the College. Misconduct in any of these categories is subject to disciplinary action.

- A.** Any and all laws of the State of New Jersey, County of Warren, and Township of Washington that provide for the protection of persons; for the protection of personal, real or public property, or provide for the regulation of motor vehicles, shall apply and be in effect on College property and such law shall be properly enforced.
- B.** Students who violate the law may incur penalties prescribed by civil authorities, but College authority is never used merely to duplicate the function of general laws. Only where the interest of the College as an academic community is distinctly and clearly involved will the authority of the College be asserted.
- C.** The campus shall regularly be open and available for use by the public daily, including designated hours during the weekend.
 1. No one will be permitted into any classroom, office, library, building or campus grounds before opening time or after closing without proper authorization.
 2. No unauthorized vehicles will be permitted on the campus after closing.
 3. The schedule and regulation shall be in effect unless special conditions shall exist. Notice of the special conditions and scheduled changes shall be given by the President or his designated agent.
- D.** Use, possession, manufacture, distribution or sale of illegal or controlled substances (as defined by federal, state and local statutes) on College property or at College sponsored events is prohibited.
- E.** Possession, use or distribution of alcoholic and intoxicating beverages on College property is prohibited. Use of such beverages outside of the law at College events on and off campus is prohibited. See the College Substance Abuse Policy for greater specificity.
- F.** Gambling on College property as defined in the State Criminal Code shall be prohibited and enforced in accordance with state law.
- G.** Use, possession or concealment of any firearms, fireworks, explosives, dangerous chemicals or any other material or weapon considered deadly or dangerous on College property is prohibited.
- H.** Endangering or infringing upon the personal safety, personal rights or personal property at any member of the College community is prohibited.
- I.** Threatening, intimidating, coercing or using physical force in a manner that causes another member of the campus community to be injured or fearful of physical harm is prohibited, including assault, battery and sexual offences.
- J.** Any form of intimidation or harassment toward any member of the College community is prohibited.
- K.** Slandering or libeling another member of the College community is prohibited.

STUDENT SERVICES

- L. Displaying indecent or obscene conduct (in violation of federal, state and local statutes) to another member of the College community is prohibited.
- M. Willful defacement, destruction or misuse of public or private properties is prohibited.
- N. Theft, larceny or embezzlement of public or private property, including issuance of bad checks is prohibited.
- O. Interfering with regular College operations including, but not limited to teaching and classroom activities, administration, meetings and public discussions, disciplinary procedures, College activities, and fire, police or emergency services is prohibited.
- P. Dishonesty such as cheating, plagiarism or otherwise intentionally furnishing false information to the College is prohibited.
- Q. Unauthorized use of computers, or computer services and time is prohibited.
- R. Forging, altering or misusing any College documents or instrument of identification is prohibited.
- S. Using the College name for soliciting funds or other activities without prior permission is prohibited.
- T. Operating a vehicle in a reckless fashion on College property is prohibited. All traffic or vehicle regulations shall be strictly enforced by the College.
- U. Violating the College standards of conduct while participating as a student at off-campus sites or engaging in any behavior or practiced that is determined by College faculty, staff or auxiliary staff to be injurious or hazardous to other persons is subject to involuntary withdrawal from the program and disciplinary action.
- V. Failure to comply with direction of College officials when those officials are acting in performance of their duties and are requesting the student behave in accordance with College policies and regulations.
- W. Any type of cyber-harassment, including electronic stalking, bullying, and/or sexual exploitation.

Student Grievance and Disciplinary Procedures

The WCCC Statement of Rights and Responsibilities is an outline of the minimum expectations necessary to maintain a quality learning environment. It is expected that whenever a disagreement arises, both parties will attempt to solve their differences informally before recourse to the grievance procedures. The following is the exclusive procedure for all student grievances:

Academic Appeal Procedures

If a grievance is academic in nature, involving conduct within the classroom or pertaining directly to the learning experience (for example, complaints about instructors, courses, grades or requirements), the following steps must be taken:

1. If a complaint is of a sexual or harassment nature, it must be immediately referred to Human Resources. It will follow the procedures in the College's anti-harassment policy.
2. The student should make every possible effort to resolve the complaint by discussing it with the instructor or other people directly concerned. Most academic complaints are settled at this stage.
3. Complaints not settled between the student and instructor may be taken to the Area Chair responsible for the course discipline. Issues that are not resolved at that level will be forwarded to the Vice President of Academics or designee (located in the Office of Academic Affairs) within thirty (30) calendar days of the close of the semester in which the issue is reported. The Vice President of Academics will consult the instructor before giving the student an informal judgment or may advise the student on an alternate strategy to handle the matter.
4. Complaints not resolved between the student and the Vice President of Academics may be submitted in writing to the Provost within seven (7) working days after decision by the Vice President of Academics. The Vice President of Academics will meet with the student to review the complaint and write a response within seven (7) working days of the review date. Judgments will be in written form and will become part of the student's record.

5. The decision of the Vice President of Academics shall be final, unless with seven (7) working days after the receipt of the decision, either party files an appeal letter with the President. The President will review the matter and render a final decision.

Non-Academic Conduct Grievance

If a grievance is non-academic (all matters that are not related directly and specifically to academic concerns) and cannot be resolved informally between the parties involved, the grievant may request that the Dean of Students take action to resolve the matter.

In developing responsible student conduct, disciplinary proceedings play a substantially secondary role to informal resolution including counseling, guidance and admonition. At the same time, the College has a duty and the corollary disciplinary powers to protect its educational purpose through the setting of standards of scholarship and conduct for its students and through regulation of the use of College facilities. In the exceptional circumstances when the preferred means fail to resolve problems of student conduct, procedural safe guards are provided to protect the student from unfair imposition of serious penalty. In all situations, procedural fair play requires that the student be informed of the nature of the charges against him/her and that he/she be given a fair opportunity to refute them.

The Dean of Students has responsibility for non-academic discipline of students enrolled at the College. The Dean is authorized to take disciplinary action when a student violates the College Standards of Community Conduct, standards that govern acceptable behavior while present on College-owned facilities and properties or at College-sponsored events.

Any member of the College community who observes a student in such violation is to inform the Dean and submit a written statement. The Dean will initiate an informal investigation of the reported violation, in which case the facts regarding the student's conduct will be reviewed, resolution of the problem determined and a decision rendered. If a student is found to have committed an offence, appropriate disciplinary measures will be imposed by the Dean.

The student will be informed in writing of the charges and related evidence, the decision rendered, and the right to a formal hearing before the Student Review Hearing Board.

1. Non-Academic Disciplinary Sanctions:

Any of the following measures can be imposed on a student for violation(s) of the College Standards of Community Conduct, depending on the severity of the violation. Notices of disciplinary action taken will be filed in the student's records. The notice will be removed when the terms of the sanction are fulfilled, or at the end of the semester following the ruling. In cases where the decision involves separation from the College, the Vice President of Academics and the President will be notified and the notification will be filed permanently in the student's records.

- a. Reprimand: The student will receive verbal or written notice of infractions of specified standards of conduct and warning that future misconduct will result in more severe disciplinary actions.
- b. Restitution: The student will be held accountable for College property that he/she has damaged or destroyed, removed and not returned.
- c. Probation: The student will be subject to a time period of restrictions after which institutional authorities will determine if his/her behavior had improved. During this time, the student will not be permitted to represent the College in any activity or run for or hold any office in a student group or organization. Additional restrictions or conditions may also be imposed. Notification will be sent to appropriate College offices.
- d. Withdrawal: The student will be given the opportunity to withdraw from the institution and no entry will be made in his/her official records other than 'withdrawal'. He/she may return to school at the end of the time period as specified in writing.
- e. Temporary Interim Suspension: The student will be suspended immediately and temporarily pending hearing. Temporary interim suspension shall become immediately effective without prior notice whenever there is evidence that the continued presence of the student on the College campus poses a substantial threat to him/herself or others or to the stability and

STUDENT SERVICES

continuance of normal College functions. A student suspended on a temporary interim basis shall be given an opportunity to appear personally before the Dean of Students or a designee within five school days from the effective date of the temporary interim suspension. A hearing shall then be held on the following issues only:

- The reliability of the information concerning the student's conduct, including the matter of his/her identity.
 - Whether the conduct and surrounding circumstances reasonably indicate that the continued presence of the student on the College campus poses a substantial threat to him/herself or to others or to the stability and continuance of normal College functions.
- f. Suspension: The student will be dismissed from the College for a specified period not to exceed one year. Suspension can result in expulsion if terms of the suspension are violated.
- g. Expulsion: Permanent dismissal of the student from the College.
- h. Other Disciplinary Sanctions: Other sanctions may be imposed instead of /or in addition to a. to e., including community service or counseling.

2. Student Review Hearing Procedures for Non-academic Matters:

The purpose of the Student Review Hearing Board is to assist WCCC institutional authorities to arrive at a decision and resolution regarding student behavior that has been reported to be in violation of WCCC Standards of Community Conduct.

After receipt of written decision from the Assistant Dean of Student Services regarding the matter, the student may choose to exercise the right to a review hearing. To do so, he/she must submit a written request to the Assistant Dean of Student Services within seven school days from the date that the Dean issued his/her written decision. The Dean shall forward to the student within three school days of receipt of the student's request, a written statement that includes the charged infraction and related evidence, time and place of the hearing, and rights of the student to representation.

The Student Review Hearing Board will consist of seven members including three faculty, two students and two administrators, appointed by the Vice President of Academics. The Review Board will assume responsibility for its procedural operation that will include appointing a chair and secretary. The Review Board will execute the proceedings insuring fairness, truth, justice and due process. The Board will render a judgment in writing to the Vice President of Academics for final action.

The following structure will be used in the proceedings:

- a. A hearing must be held no sooner than fourteen days or later than thirty days after the request has been received. The Assistant Dean of Student Services shall notify all parties of the time/place for the hearing and will provide all parties with a copy of the written charge.
- b. Parties to the hearing may invite witnesses, advisors and/or personal legal counsel to be present. It is important to note that review hearings are informal in nature and aimed at providing due process. Review hearings are not to be construed as court proceedings. Legal advisors may not participate in the hearing except to advise their clients.
- c. Having heard evidence and asked questions, the Review Board will meet in closed session to render a decision. The decision will be based only on the evidence presented in the hearing. A majority vote by the board is required to render a decision.
- d. Review board decisions must be provided in writing to the Vice President of Academics. The Vice President of Academics shall direct the Chief Student Affairs Officer to notify the student and other parties in writing of the Review Board's decision within ten days of the hearing date. If the decision involved suspension or dismissal from the College, the President will be notified.
- e. The Review Board's decision will be final unless within three school days after receipt of the decision, either party files a letter with the Vice President of Academics, requesting an appeal of the Board's decision. Appeal of the Board's decision will be reviewed by the President, whose decision will be final.

Alcohol and Drug Abuse

In accordance with the policy approved by the Board of Trustees of Warren County Community College and consistent with Local, State, and Federal Laws, the College will make every effort to provide its students with an environment that is free of the problems associated with the unauthorized use and abuse of alcohol and other controlled substances.

I. Standards of Conduct

Warren County Community College is an educational institution committed to maintaining an environment that allows students to enjoy the full benefits of their learning experience. Further, the College is committed to promoting the wellness and positive self-development of its students. The unauthorized use or abuse of alcohol and the illegal use of controlled substances inhibit students from attaining the benefit of their learning experience, expose them to serious illness and health risks, and therefore are prohibited. It is the policy of Warren County Community College to begin disciplinary procedures for all students who violate this Substance Abuse Policy.

II. Applicable Legal Sanctions

In addition to sanctions imposed by the College, individuals violating substance abuse policies are subject to all applicable Local, State, and Federal sanctions which may include, but are not limited to fines and/or imprisonment. The College will refer violations of the substance policy to legal authorities when deemed appropriate.

III. Health Risks

Drugs may increase activity (stimulants), decrease activity (depressants), or cause hallucinations (hallucinogens). Every drug has multiple side effects that depend on the properties of the drug and the dosage taken. When two or more drugs are taken together or in sequence, their cumulative effects may be stronger than their additive sum.

The effects of drug use are highly individualized. Drug use or abuse can affect a person's physical, emotional and social health. It can cause accidents, illness, drug dependence, overdose and even death. It can cause legal problems, economic problems, school or work problems, and relationship problems.

For information about applicable legal sanctions, health risks and alcohol and drug resources and services, consult the Student Handbook.

Family Educational Rights and Privacy Act

Warren County Community College maintains a policy of strict adherence to FERPA. Also commonly referred to as The Buckley Amendment, this legislation addresses the privacy rights of students with regard to their student records. For a detailed description of this important policy, contact the Office of Student Services at (908) 835-2300.

Crime Awareness/Campus Security Act and Right-To-Know

Consistent with the Federal Crime Awareness/Campus Security Act and current Student-Right-To-Know regulations, The Board of Trustees has adopted several policies regarding the reporting of crimes, crime prevention, and the availability of information. Information regarding Information regarding Right-to-Know data and other mandated informative releases are made available to students after the 10th day of the semester and are posted on the college's website.

Campus Emergencies

Security personnel are available at the main entrance of the campus. In the case of an emergency, please contact Security immediately. To contact campus security in the event of an emergency call (908) 835-9222 ext. 0. In addition, there are emergency phones in all of the College's parking lots that connect directly with Security.

If you provide assistance to anyone on campus in an emergency situation, you must inform Security or the Campus Operations Office.

Anti-Harassment Policy

The College maintains a strict policy prohibiting harassment or discrimination based on sex, race, age, color, national origin, ancestry, religion, creed, physical or mental disability, marital status, veteran status, sexual orientation, gender, gender identity, genetic characteristics or information, and any other basis protected by applicable federal, state or local law. All such harassment is prohibited. The College anti-harassment policy applies to all employees, students, executives, officers, Trustees, and independent contractors at the College.

STUDENT SERVICES

The College anti-harassment policy applies throughout the campus and to all activities. If harassment occurs by someone not employed by or enrolled at the College, the procedures in this policy should be followed as if the harasser were an employee of the College. If such is the case, the College will strive to be sensitive to such concerns. Nobody at Warren County Community College should feel obligated to tolerate harassment in any form. Warren County Community College will act to eliminate harassment in the workplace and on the campus. Persons who engage in prohibited harassment are subject to disciplinary action, up to and including possible termination. Anyone who has witnessed or is a victim of alleged harassment should immediately report the matter to a supervisor/manager or Human Resources (HR) in accordance with the Complaint Procedure for issues of possible discrimination or harassment (see below).

The College recognizes that as an academic institution devoted to the pursuit of academic learning, there may be instances where exposure to sensitive topics relating to the above protected characteristics may occur, such as in art, sociology, history and other classes. The College maintains an open-door policy with respect to student and faculty concerns relating to such topics and strives to fulfill its academic mission in a professional manner.

All persons are prohibited from engaging in sexual harassment at Warren County Community College. Sexual harassment includes unwelcome sexual advances, requests for sexual favors, and exposure to visual, verbal or physical conduct of a sexual nature. Sexual harassment also exists when (1) submission to such conduct is made either explicitly or implicitly as a term or condition of an individual's employment or enrollment, (2) submission to or rejection of such conduct by an individual is used as the basis for decisions affecting such individual, or (3) such conduct has the purpose or effect of unreasonably interfering with an individual's academic or work performance or creating an intimidating, hostile, or offensive workplace or campus environment.

The following examples are a partial list of the types of conduct that may constitute sexual harassment (depending on the circumstances):

- Unwelcome/unwanted sexual advances
- Propositions or requests for sexual favors
- Repeated unwelcome requests for dates
- Derogatory comments based on gender
- Other sexually suggestive gestures or physical movements
- Off-color jokes or innuendos; obscene, lewd or suggestive language; or sexually oriented or explicit remarks (including questions, comments or gossip about sexual conduct, experiences, prowess or deficiencies)
- Inappropriate or sexually suggestive touching, such as grabbing, groping, fondling, kissing, brushing up against another's body, stroking someone's hair, or rubbing or massaging someone's neck or shoulders.
- Other sexually suggestive gestures or physical movements.
- Posting, displaying or distributing any sexually oriented, sexually explicit or demeaning materials (such as posters, calendars, videos, photographs, graffiti, cartoons, figurines, e-mails, etc.).
- Standing too close, leering, staring or stalking; or other verbal or physical conduct that is of sexual nature or that is based on gender.

Prohibited sexual harassment also includes any effort by a person in authority to use his or her position or authority to control, influence, or affect the career, academic status, grades, salary, employment, or terms and conditions of employment of an employee or student in exchange for sexual favors.

It is unlawful for males to sexually harass females or other males, and for females to sexually harass males or other females. Sexual harassment is prohibited whether it involves a co-worker, student, instructor, supervisor, manager, trustee or by persons doing business with or for the College.

Report all Forms of Discrimination or Harassment

Everyone has a responsibility to maintain a workplace and campus free of any form of discrimination or harassment. Anyone who believes he or she has witnessed or is being subjected to discrimination or harassment on campus or at a College activity should immediately report the matter to a supervisor/manager or HR in

accordance with the Complaint Procedure below, or in any other manner reasonably calculated to inform College management.

Complaint Procedure – Discrimination or Harassment

Maintaining a harassment-free workplace and campus requires the cooperation of all individuals. It is very important for all persons to report to the College any workplace or campus conduct they believe is improper regardless of the identity of the alleged harasser or who the harassment is directed at.

To encourage persons to bring forward any concerns they may have about possible discrimination or harassment, the College prohibits retaliation against anyone who makes such a complaint or who is involved in the investigation of such a complaint. Persons who believe they have suffered or witnessed retaliation must report the matter immediately to a supervisor/manager or HR. Anyone who engages in retaliation is subject to disciplinary action, up to and including possible termination.

The College's complaint procedure provides for an immediate, thorough and objective investigation of any discrimination or harassment claim, appropriate disciplinary action against one found to have engaged in prohibited harassment and appropriate remedial action.

Persons who believe they have been harassed or discriminated against in the workplace or on campus, including by persons doing business with or for the College, should provide a written or oral complaint to HR as soon as possible. The complaint should include details of the alleged incident(s), names of individuals involved, and the names of any witnesses. Supervisors and managers must immediately refer all harassment complaints to HR.

Investigation Procedure

All complaints of possible discrimination and/or harassment will be treated seriously and promptly investigated, even if the alleged victim expresses a desire that the College not investigate. That is the law. The investigation will be as confidential as possible, consistent with the need to conduct an investigation. The College will immediately undertake or direct an effective, thorough and objective investigation of the discrimination and/or

harassment allegations.

All complaints of harassment and discrimination should be promptly reported to HR for investigation or referral to the President, Board of Trustees Chairperson or Vice Chair person, as outlined below.

- Complaints of harassment against the President, will be referred by HR to the Board of Trustees Chairperson and Vice Chairperson for investigation with qualified outside counsel.
- Complaints of harassment against a Board of Trustees member, will be referred by HR to the President. The President will report the complaint to the Board of Trustees Chairperson or Vice Chairperson (in the event of conflict) for investigation with qualified outside counsel.
- Complaints of harassment against a College Official or Human Resources Official, will be referred by a manager/supervisor to the President for investigation with qualified outside counsel.
- All other complaints of harassment will be referred by a manager/supervisor to HR for investigation.

All investigations shall be conducted as soon as is practicable, and reported for appropriate action, if any, pursuant to applicable personnel policies and student conduct codes. The investigator shall interview the complainant, the person alleged to have engaged in a violation of this policy and any other persons who witnessed the alleged conduct or similar conduct forming the basis of the complaint. The investigator shall make written factual findings and credibility assessments, and then forward a report to the College attorney or Chairperson of the Board of Trustees (or Vice-Chair in the event of conflict) or President for legal counsel and evaluative assessment. A special emergency session of the Board may be convened to determine appropriate disciplinary and remedial action, if any, subject to applicable notice, personnel policies, procedures and regulations. All investigative materials are deemed confidential and are not subject to disclosure, except as otherwise required by law.

The investigation will be completed and a determination regarding the allegations will be made and communicated to the person who complained and the accused party.

Disciplinary or other Remedial Action where Discrimination or Harassment is Found

If the College determines that discrimination or harassment has occurred, the College will take effective remedial action commensurate with the circumstances. Appropriate action may be taken to deter any future wrongful conduct, as well as future monitoring of any individuals alleged to have violated the policy.

If a complaint of discrimination or harassment is substantiated, appropriate disciplinary action, up to and including termination, will be taken. Whatever action is taken against the accused party will be communicated to the person who complained.

False Claims of Harassment or Discrimination

Anyone who makes an intentionally false claim of harassment or discrimination will be disciplined according to College policy, up to and including termination.

No Retaliation

The College will not tolerate retaliation against any individual because he or she has made a good faith complaint of harassment or discrimination to the College or has filed a charge, testified, assisted, or participated in any manner in an investigation, proceeding, hearing or litigation under federal or state discrimination statutes or at other hearings regarding protected civil rights. The College also prohibits retaliation against someone closely related to or associated with the person exercising such rights. Examples of retaliation may include, but are not limited to, hostile conduct toward an individual who participated in protected activity. Such conduct includes, but is not limited to, verbal or body language which is threatening or expresses or suggests disapproval or hostility; failure to cooperate in workplace procedures; or sudden unfounded disciplinary action not based on actual job or academic performance. If you are unclear as to what kind of activity may be prohibited retaliation, contact HR immediately for more information.

The College's Complaint Procedures provides for an immediate, thorough and objective investigation of any claim of unlawful retaliation because of opposition to alleged discrimination or participation in a proceeding regarding alleged employment discrimination. If you believe that you have been retaliated against because of your opposition to a practice you reasonably believe to be discriminatory or because of your participation in a hearing or proceeding regarding alleged unlawful discrimination, you should provide a written or oral complaint to HR as soon as possible. Your complaint should be as detailed as possible, including the names of individuals involved, the names of any witnesses, and any documentary evidence.

All complaints of prohibited retaliation which are reported to management will be investigated. The College will immediately undertake and direct an effective, thorough and objective investigation of the retaliation allegations. The investigation will be as confidential as possible, consistent with the need to conduct an investigation. The investigation will be completed and a determination regarding the alleged retaliation will be made and communicated to the person who complains and to the person(s) accused of retaliation.

If the College determines that an individual has suffered adverse action in retaliation for opposition to alleged employment discrimination or participation in a proceeding related to alleged discrimination, the College will take effective remedial action appropriate to the circumstances. The College will also take action to deter any future retaliation. If a complaint of unlawful retaliation is substantiated, appropriate disciplinary action, up to and including termination, will be taken. Whatever action is taken against the person responsible for the retaliation will be communicated to the person who complained.

Sexual Assault/Sexual Violence

As an extension of the Sexual Harassment Policy, and the Student Code of Conduct, WCCC has adopted policies and procedures for maintaining an environment free from sexual assault or violence. WCCC is committed to ending all forms of interpersonal violence. These policies cover topics of sexual assault, domestic violence, dating violence, and stalking in accordance with the Violence Against Women Act of 2013. Sexual assault, domestic violence, dating violence, and stalking are crimes and can be reported to the police by calling the WCCC Security Department at 908-835-2455 or 911.

Title IX of the Educational Amendments of 1972 prohibits discrimination based on sex. Sexual harassment of students, which includes acts of sexual violence, is a form of sex discrimination prohibited by this federal law. The WCCC Anti-Harassment Policy (Policy # 201.1) prohibits sexual harassment or sexual violence and provides reporting procedures. WCCC offers support to victims of interpersonal violence, including assisting victims in accessing resources on and off campus.

When incidents of sexual harassment and/or sexual violence, domestic violence, stalking, and dating violence occur and are reported to campus security authorities, WCCC will take immediate and effective steps to end sexual harassment and sexual violence, including but not limited to contacting the police. In addition, retaliation against individuals who report sexual harassment and/or sexual violence and/or who participate in college conduct hearings will not be tolerated and will be addressed through the College's judicial process. Retaliation includes, but is not limited to: intimidation, threats, coercion, and/or discrimination perpetrated directly, indirectly, and/or through third parties, which involves any type of media, social media, texting, emails, and/or other electronic communications, etc.

Unaccompanied Children Policy

Children, age 14 and under, who are not enrolled in a WCCC program may not be left unattended on the grounds, in automobiles, or in any facility owned, leased or used by the College. Children may not be taken into classrooms or laboratories when instruction is in session unless they are enrolled in the course, or receive special permission from the instructor. In the event children are found to be unsupervised on College grounds, parents or guardians will be contacted regarding the situation.



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WCCC BOARD OF TRUSTEES/COLLEGE ADMINISTRATION

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INSTRUCTORS

WCCC INSTRUCTORS

Full-Time Instructors

Lori Antonelli

Associate Professor of Education
B.A. Binghamton University
M.S. St. John's University
Ed.D. St. John's University

Dr. Antonelli, whose doctoral dissertation is entitled *Organizational and SES Predictors of School Effectiveness and Student Achievement*, has taught at a number of institutions, including Monmouth University, Essex County College, and Raritan Valley Community College. Dr. Antonelli has taught in both public and parochial schools in New York and New Jersey for 10 years from grade levels four through eight. She holds a standard (K-8) certificate and a supervisor's certificate in New Jersey, as well as teaching certificates in New York and Pennsylvania. She is coordinator of the Outcomes Assessment/Program Review process at WCCC as well as the advisor of the Future Educators Club. Through the club and her classes she works in partnership with various non-profit agencies, such as NORWESCAP and Big Brothers/Big Sisters to provide service and goods. Dr. Antonelli is a member of several professional organizations, including the National Association for the Education of Young Children (NAEYC).

Ralston G. Bartholomew, Jr.

Assistant Professor of Biology
A.G.E., Northampton Community College
B.S. East Stroudsburg University
M.S. East Stroudsburg University

Professor Bartholomew has worked as a senior biologist in lake and wetland restoration in northern New Jersey. His educational experience includes teaching and assisting for the Nazareth Area School District, East Stroudsburg University, and West Virginia University. Additional experience includes serving as an environmental interpreter and ranger with the Pennsylvania Bureau of State Parks.

Brian Bradford

Professor of English
B.A. James Madison University
M.F.A. Fairleigh Dickinson University

Brian Bradford teaches Composition/Rhetoric, Literature, Creative Writing and Film as a Narrative Art Form at WCCC. In his 20 year tenure, he has actively served on a wide variety of college committees and initiatives. Professor Bradford was a Co-Chair on the Middle States Steering Committee and has served on 9 MSACHE Accreditation Teams. He was also responsible, in large order, for developing the current Outcomes Assessment and

Program Review model, and in working to re-codify the General Education curriculum at the College. A winner of the Henfield Transatlantic Review Award for Fiction, his work has appeared in prestigious small press publications. His first novel, *Greetings From Gravipause* (Jaded Ibis Press), is scheduled to be released in October 2015. Bradford is a faculty adviser to *Ars Poetica*, the student art and literary magazine. He has co-authored and developed the AFA in Creative Writing degree program at the college as well as the A.A. in Liberal Arts-English option.

Marilyn Brooks-Lewis

Assistant Professor of Accounting/Business Studies
A.S. University of Technology (formerly the College of Arts, Science & Technology)
B.S. University of the West Indies
M.B.A. Rutgers University

Professor Brooks-Lewis has been an educator of accounting and business for many years in Jamaica, West Indies and the United States and has taught at the College of Arts, Science & Technology, Jamaica, Lincoln Technical (the Cittone Institute), and Union County College. She is a member of the Institute of Management Accountants (IMA), the Teachers of Accounting at Two-Year Colleges (TACTYC), the National Society of Accountants (NSA), and the National Education Association (NEA). Professor Brooks-Lewis has presented at the UCC Technology and TACTYC Conferences. She has also worked as an examiner with the Caribbean Examination Council.

Harvey Cartine

Professor of Mathematics
B.S. New Jersey Institute of Technology
M.S. New Jersey Institute of Technology

Professor Cartine is author of several guides on the use of technology, graphing calculators and mathematics software in the classroom and has conducted several workshops for high school and college faculty. Formerly employed in the aerospace industry, where he helped develop flight, guidance and computerized test systems, he is currently working on projects to enhance mathematics learning in and out of the classroom. Professor Cartine is actively involved with enhancing developmental mathematics programs for community colleges throughout New Jersey.

Paul F. Degnan

Associate Professor of Business
B.A. University of Dayton
M.B.A. University of Dayton

Professor Degnan has studied the technology of the 1820-1850 American Clock industry in the Bristol Connecticut area. The results of this study, which

includes the economic conditions and business trends in New England, was published in the Bulletin of the National Association of Watch and Clock Collectors. Also, he is an expert on the central people and pivotal battles of the Civil War, and is well versed on the presidency of Abraham Lincoln. He is an advisor to auction houses on Empire Furniture 1820–1840. Professor Degnan was recently awarded the Golden Eagle Award, an award that is given to an employee who exemplifies the mission of the college.

Tracy DiTolla

College Lecturer of Art
B.A. William Patterson University
M.A. Montclair State University

Tracy DiTolla has been teaching art and art history at various institutions including Warren County Community College for several years. She is a professional artist who has exhibited extensively throughout New York and New Jersey and has been highlighted on Discover Jersey Arts as artist of the month. Professor DiTolla has worked in the art field for decades in many areas including managing art galleries, curating exhibitions, and organizing art festivals.

Kerry L. Frabizio

Assistant Professor of English
B.A. Arcadia University
M.A. Arcadia University
M.Ed. Concordia University

Professor Frabizio has taught English and music courses at WCCC since 2005 and joined the English department as a full-time instructor in 2008. Over the last ten years she has developed and facilitated a program of advanced literature discussion groups for gifted and talented students in Bucks County, Pennsylvania. She has also taught at Arcadia University.

Jennifer Harrison

Assistant Professor of Social Sciences
A.A. Warren County Community College
B.A. Thomas Edison State College
M.A. Thomas Edison State College
Graduate Certificate, OLT Thomas Edison State College

An alumna of WCCC, Professor Harrison joined the full time faculty in Fall 2010. She began her career at WCCC as an adjunct professor. Previously, Professor Harrison taught the Child Development Accreditation program for Hunterdon County Poly Tech. In addition, Professor Harrison completed a Graduate Certificate in Online Learning and Teaching in Education from Thomas Edison State College while earning her Masters in Liberal Arts Studies. Her thesis is titled, “Healing the Child: How Writing and

Art Help Victims of Child Abuse.” Professor Harrison resides in Warren County and is an active member of her community. She is passionate about educating her students and encouraging them to become successful members of society.

Karen Hillyer

Associate Professor of Communications
B.A. Montclair State University
M.A. Rutgers University

Professor Hillyer created the Communications Option at WCCC. She is the advisor to the student newspaper, The Campus Racket, and is the Service Learning Coordinator. She has taught at Centenary College, Raritan Valley Community College and Thomas Edison State College. As a community volunteer, Professor Hillyer is a past (2005–2008) and current (2010–present) President of Warren County Habitat for Humanity.

Alois Himsl

Associate Professor of Chemistry
Area Chair, Science & Mathematics
A.A. Northampton Community College
B.S. East Stroudsburg University
Teaching Certification, Secondary Education in Chemistry, East Stroudsburg University
M.S. Lehigh University
Ph.D. Lehigh University

Dr. Himsl has extensive experience in various disciplines of chemistry, especially organic, analytical, environmental and biochemistry. He has taught chemistry courses for several years at East Stroudsburg University, Muhlenberg College and Northampton Community College. In the government sector, Dr. Himsl served as an environmental chemist in the organic chemistry and toxicology division and chief/team leader of the hazardous waste characterization branch of the Department of Defense and the United States Army Center for Health Promotion and Preventive Medicine in Landstuhl, Germany.

Richard Homa

Associate Professor of Graphic and Web Design
B.A. Moravian College
M.S. Lehigh University

Professor Homa began teaching computer graphics at Warren County Community College in 1997 and has been a full-time instructor since 2000. He has over ten years of industry experience as an artist and graphic designer. He has served as a consultant, software support specialist and trainer on the Mac platform. In addition to further developing the WCCC Graphic & Web Design curriculum, Professor Homa partners with and advises various departments on design and marketing projects. He also coordinates and maintains all of the hardware and software in the College's Mac Lab.

WCCC INSTRUCTORS

Susan Howey

Professor of Mathematics
B.S. Millersville University of Pennsylvania
M.Ed. Millersville University of Pennsylvania

Professor Howey has more than 20 years of experience in teaching mathematics, with more than 10 of those years at Warren County Community College. She holds a permanent teaching certificate in mathematics, having started her career as a high school math teacher. Professor Howey is co-author of several technology guides on the use of graphing calculators and has conducted workshops for high school teachers and community college mathematics faculty on the uses of TI-89 graphic calculator.

She is interested in bringing new opportunities in mathematics for WCCC's students, including new courses in Topics of Mathematics and Calculus III and higher levels of mathematics. She is an active member of the Mathematical Association of Two-Year Colleges in New Jersey and the National Council of Teachers of Mathematics.

Lori Podstupka King

Assistant Professor of History
B.S. State University of New York College at Oswego
M.A. State University of New York at Albany

Professor King holds a B.S. in Secondary Education, an M.A. in History, a Permanent Teaching License in New York State and a Standard Teaching Certificate in New Jersey. She began her teaching career as a social studies teacher for the New York City Board of Education where she worked extensively with the New York City Writing Project and with the American Social History Project. She has taught both traditional and on-line courses in history and English at Sussex County Community College and Centenary College.

Anna G. Massimo

Instructor of Biology
M.D., Varna Medical University
Nephrology and Hemodialysis Fellow, Sheba Medical Center

Dr. Massimo served as a physician specializing in nephrology and hemodialysis for four years at Regional Hospital in Russe, Bulgaria. She served seven years as a senior scientist in Reproductive Toxicology for Huntington Life Sciences, and later as Medical Consultant for Met Alliance in Washington, NJ. Dr. Massimo developed and implemented a new method of biological fluid collection for scientific purposes (published in Teratology Journal) and remains a member of the Mid-Atlantic Society of Toxicology.

Elizabeth C. McMahon

Professor of Biological Sciences
B.S. Douglas College, Rutgers University
MT (ASCP) Hackensack Hospital School of Medical Technology
M.S. University of Bridgeport
M.B.A. Rutgers Graduate School of Management
Ph.D. Capella University

Dr. McMahon joined WCCC in 1989 as one of its six original full-time faculty. She has actively participated in the development, growth, and expansion of the college's Science department, having served as the department chair of the Science sector and as the Area Chair of Science and Mathematics. Professor McMahon has taught Anatomy and Physiology to the college's nursing intent students for over twenty years. She developed and teaches hybrid Biology courses designed for the non-Science major, incorporating on-line learning with on-campus, hands-on laboratory activities. Her doctoral dissertation explored community college faculty perceptions of a learner-centered environment. Facilitating positive learning experiences by incorporating learner-centered principles into her courses is an ongoing objective of Dr. McMahon.

Joseph T. Phillips IV

Professor of Mathematics
B.E. Stevens Institute of Technology
M.A. Montclair University
Ph.D. Capella University

Dr. Phillips is the author of *Radicals: A Monstrous Approach* and *The Jealousy Game*, published in the New Jersey National Council of Teachers of Math. Professor Phillips is a member of the National Council of Teachers of Mathematics and the Mathematics Association of America. He has written a computerized version of the basic skills testing program at WCCC.

Debra Schrek

Administrative Nurse Educator
A.A.S. County College of Morris
B.S.N. Excelsior College
M.S.N. Excelsior College

Professor Schrek has been an RN for over 30 years and has worked in a variety of clinical and educational settings. Areas of practice include emergency department/trauma, flight nursing, pre-hospital nursing, critical care/cardiology, medical/surgical, patient education, pediatrics, geriatrics, and occupational health nursing. She has taught as an adjunct clinical instructor for practical nursing and associate degree programs. Her educational experiences also include Advanced Cardiac Life Support (ACLS) instructor. She is certified in Emergency Nursing.

Robert A. Sintich

Professor of Social Science & History
Area Chair English, History, Math, Sociology & Science
B.S. University of Scranton
M.S. University of Scranton
Ed.D. Rutgers University

Dr. Sintich's educational background includes a Master degree in Rehabilitation Counseling Psychology as well as a Doctoral Degree from Rutgers University. His doctoral thesis centered on the study of a Community College System in the State of New Jersey. Dr. Sintich has served as a Commissioner for the National League for Nursing Accreditation Commission (NLNAC) He has more than 30 years of higher education administration experience and has held administrative positions at community colleges. At WCCC Dr. Sintich has served as Dean of Students, Assistant Dean of Curriculum, Dean of Academic Affairs, and Provost. Dr. Sintich is a veteran who served in the US Army Medical Corps as a reserve officer.

Sarah Terry

College Lecturer of Mathematics and Economics
B.S. University of Southern Maine
M.S. University of Notre Dame

Professor Terry began teaching at WCCC as an adjunct instructor in 2011 and became a full-time instructor in 2013. As a graduate student at the University of Notre Dame, she did extensive research on the de-industrialization of the Midwest and its effect on labor markets. She collaborated with University of Notre Dame Faculty to produce a documentary, "Climbing the Down Escalator," which was based largely on her research. Professor Terry teaches developmental mathematics courses, Business Math and Economics. She is passionate about teaching math in a fun and approachable way.

Stephanie Tettemer

Associate Professor of Legal Studies/Political Science
B.A. Barnard College, Columbia University
J.D. University of Denver

Professor Tettemer is a practicing attorney and a member of the bar in both New Jersey and New York. She is a member of the Warren County Bar Association, New Jersey Bar Association, and the American Bar Association. Professor Tettemer has civil and criminal litigation experience, trial and appellate court experience. She is a certified mediator for family law and approved by the Administrative Office of the Court.

Lisa Troy

Assistant Professor of Mathematics
B.A. Mathematics, Mansfield University
M.Ed. Adult Education, Pennsylvania State University

Professor Troy was employed as a statistician and logistician prior to beginning her career as an instructor in 2003. She instructs several courses, specializing in statistics. Professor Troy is involved in creating learning community environments for first year students as well as restructuring the Foundation of Success, freshman experience course. She presented outcomes and ideas pertaining to her learning community work at the 2010 On Course National Conference with Professor Frabizio. She is an active member of the National Council of Teacher of Mathematics Association of Two Year Colleges of New Jersey.

William J. (BJ) Ward

Professor of English
B.A. Richard Stockton College of New Jersey
M.A. Syracuse University

BJ Ward is the author of *Jackleg Opera: Collected Poems 1990-2013* (10 Poetry Series/North Atlantic Books), recipient of the 2014 Paterson Award for Literary Excellence. His poems have been featured on National Public Radio's "The Writer's Almanac," New Jersey Network's "State of the Arts," and the web site *Poetry Daily*, as well as in publications such as *Poetry*, *American Poetry Review*, *TriQuarterly*, *Green Mountains Review*, *Painted Bride Quarterly*, *The Sun*, *The Literary Review*, and *The Normal School*, among others. His essays have appeared in *The New York Times*, *Inside Jersey*, *The Worcester Review*, and *Teaching Artist Journal*. He is the recipient of a Pushcart Prize and two Distinguished Artist Fellowships from the NJ State Council on the Arts. In a piece entitled "10 Dynamic Jersey Artists Not Named Springsteen," *The Star-Ledger* called Ward a "master teacher" and cited him as "making a difference," noting his poetry's "music and physicality." He helped to establish the Creative Writing degree program at WCCC.

Nancy Wilson-Soga

Associate Professor of Psychology
R.N. Cameron University
B.S. Cameron University
M.S. Long Island University
Ph.D. Walden University

Dr. Wilson-Soga has taught at a number of colleges, including Fairleigh Dickinson University and Essex County College. She owns a legal nurse consulting firm and has conducted mediation sessions for over 14 years through the New York State Court System. Aside from legal nursing, Dr. Wilson-Soga directed a mental health agency focused on the aging adult. She

WCCC INSTRUCTORS

has authored publications on mentorship in the legal nurse field and is an associate editor of the AALNC Principles and Practice of Legal Nurse Consulting, 2nd edition. She was twice awarded Who's Who Among America's Teachers and recipient of NISOD Teaching Excellence Award.

Senior Adjunct Faculty

Pauletta Ader

Senior Adjunct Instructor of Biology
B.S. East Stroudsburg University
M.T. Sacred Heart School of Medical Technology
M.S. East Stroudsburg University
Thesis: Methicillin-Resistant *Staphylococcus aureus*

Professor Ader has over 20 years experience as a Medical Technologist. She has experience as a CLIA inspector for the Healthcare Financing Administration and the College of American Pathologists. Professor Ader is a member of the American Society of Clinical Pathologists. She holds a Certification in Epidemiology from the Center for Disease Control. Her teaching career began at WCCC in Continuing Education as a Phlebotomy Technician instructor in 1996. In 2001, she began teaching in the Biology, Anatomy & Physiology and Microbiology. Prior to teaching at WCCC, she taught at Northampton County Community College in the Biology Department. She has been awarded Who's Who in America and Who's Who in the World.

Cameron Alderfer

Senior Adjunct Instructor of Spanish
B.A. Kutztown University
M.A. Lehigh University
Post Grad. Lehigh University, East Stroudsburg University

Professor Alderfer came to Warren as an instructor for Seton Hall University's Outreach Program in 1986 and joined the adjunct staff at WCCC in 1988. Professor Alderfer has taught courses in Business Spanish, Conversational Spanish, Medical Spanish, and composed the existing Beginning and Intermediate Spanish courses. Professor Alderfer is the former District Supervisor for the Department of World Languages and the Department of Fine Arts for the Warren Hills Regional School District. Professor Alderfer has been published in the New Jersey Teachers of Foreign Languages periodical, and served on the New Jersey State Department of Education's Language Committee that compiled the existing certification examination for prospective World Language teachers in New Jersey. Professor Alderfer continues as an active member of the American Council of Teachers of Foreign Languages and the New Jersey Principal's and Supervisor's Association.

Jessica Bacho

Senior Adjunct Instructor of English
B.A. Cedar Crest College
M.A. Centenary College

Professor Bacho joined the faculty at Warren County Community college in 2007 teaching developmental writing and English composition and literature. She previously taught English at Centenary College as well. An experienced writing tutor and member of the Centenary College Writing Center. Professor Bacho presented a paper at the Mid-Atlantic Writing Centers Association conference in 2006 entitled "Collaborative Roles in Writing Centers." She has also presented on Peer Reviews in Writing Classes at a 2010 CRLA conference. In addition to her experience and interest in teaching developmental writing, Professor Bacho is a published poet, with works appearing in *In Other Words ...*, *Ars Poetica*, and *Prism*. She read a selection of her original works at a presentation of modern women poets at Centenary College in the fall of 2008. Professor Bacho is a member of the New Jersey Association for Developmental Education (NJADE) and the College Reading and Learning Association (CRLA).

Roseann Chavez

RoseAnn M. Chavez
Senior Adjunct Instructor of Education
B.S. Trenton State College
M.S. East Stroudsburg University

Professor Chavez began teaching at WCCC in January of 2004. She retired from public education in 2008 after 30 years as a classroom teacher, librarian/media specialist, and language arts curriculum coordinator/coach. Additional experience has included conducting professional development workshops in language arts literacy for elementary and middle school teachers. Her most recent graduate work has been at Rutgers University in the field of Children's Literature, a special passion of hers.

Mark L. Francis J.D.

Senior Adjunct Instructor of Legal Studies, Criminal Justice, Political Science and Business
B.S. San Diego State University
J.D. Golden Gate University

Professor Francis has been a member of the New Jersey and California State Bar Associations since 1984. He completed over 25 years of public service employed as a county assistant prosecutor in California and New Jersey. His career included the prosecution of major crimes, sexual assaults, narcotics and white-collar crimes. His experience included participation in criminal investigation, plea negotiations and trial litigation. He retired from public service in 2011 as a Senior Assistant Prosecutor from the Warren County Prosecutor's Office. He presently

is in private practice with an office in Blairstown, New Jersey.

Professor Francis is currently an instructor at Warren County Community College and Centenary College in Hackettstown on a part-time basis. He is also a member of the WCCC Justice Studies Club and participates in Career Day activities for the college.

Amy Goffinet

Senior Adjunct Instructor for Criminal Justice
B.A. DeSales University
M.P.A. Centenary College

Professor Goffinet started at Warren County Community College in 2004. In addition to teaching, she serves as the Justice Studies Club advisor, and continues to develop new curriculum for the program, including courses in Forensic Psychology and Victimology.

Professor Goffinet studied at WCCC before transferring to DeSales University where she obtained a Bachelor degree in Criminal Justice Administration followed by a Master degree in Leadership and Public Administration from Centenary College. She is currently pursuing a PhD in public safety with a concentration in criminal justice at Capella University. She has more than 17 years of corrections experience working with juveniles and staff in different capacities such as detention, home arrest, and both residential and independent living programs. Professor Goffinet was a program director for residential services in Warren County, and has served on the gang intelligence committee for the State of New Jersey, as well as the detention review committee from Warren County. She also assisted in developing the house arrest program for Warren County. Her certifications include defensive tactics instructor for the New Jersey Department of Corrections, first aid and CPR instructor for American Red Cross, certified juvenile officer through the New Jersey Police Training Commission and certified online instructor for Ashford University. She is a member of the American Criminal Justice Association and the American Corrections Association. In May 2012 she received the Golden Eagle Award from WCCC and in September 2003 earned the Detention Worker of the year award for the State of New Jersey.

John E. Hughes

Senior Adjunct Instructor of English
B.A., Trenton State College
M.A., Drew University

Professor Hughes taught English for thirty years at Hackettstown High School. He also served as the athletic trainer for sports teams and director of athletics for twenty-four years.

Susan L. Keenan

Senior Adjunct Instructor of French and Spanish
B.A., Douglass College
Post-graduate studies at Fairleigh Dickinson University
Post-graduate studies at University of Washington

Professor Keenan worked for the U.S. Government in Chile as a Peace Corps Volunteer, and returned to the States in 1968. She has worked in international banking, during which time she taught "Spanish for Bankers" for the American Institute of Banking, and later for AT&T Underseas Cables for 20 years, learning Japanese while employed there. In 2006, she joined the adjunct staff of WCCC as a Spanish instructor, adding the French language in 2007. Professor Keenan is an active member of several historical groups, and regularly publishes articles on diverse aspects of the Civil War era. She lectures occasionally on the history of lace making and often demonstrates the ancient art of lace with guild members at many local historic sites. Professor Keenan also speaks Italian.

A.C. Loiacono

Senior Adjunct Instructor of Psychology
A.A. Northampton Community College
B.S. Kutztown University
M.A. Kutztown University

Instructor Loiacono studied both education and counseling psychology, with research relating to prisoners and the rates at which they return to prison. Additional areas of research have included teens and A.I.D.S. Instructor Loiacono has worked in private practice with troubled teens and provided counseling services for children. Psychology, technology and teaching methods are all areas of professional interest for Instructor Loiacono.

William Lorenzo

Senior Adjunct Professor of History
B.S. St. Peter's University
M.A. Goddard College

Professor Lorenzo joined the History faculty in 2004 having previously taught on the high school level. His research focus is on the middle 19th century and 20th century United States history with an emphasis on World War Two, the 1950s and the 1960s. His master's thesis *A Due Degree of Liberty: The Impact of McCarthyism on American Education during the Cold War* was an examination of how the attack on academic freedom in high schools, colleges, and universities suppressed dissent and in so doing eliminated political debate in academia until the late 1960s. This thesis also explored the failure, with few exceptions, of academia to respond to the attacks against American teaching institutions that deprived a generation of Americans full knowledge of Cold War

WCCC INSTRUCTORS

politics and history. Current research includes a history of letters written by American military personnel to English families they knew after the D-Day landings, racism in the administrations of Theodore Roosevelt and Woodrow Wilson against African-Americans, and the efforts on the part of a handful of brave Treasury Department officials to bring to President Franklin Delano Roosevelt's attention the misconduct of the State Department in denying visas and passports to Europe's Jews who were trying to escape Nazi occupied Europe. The president, having been so informed, wrote an executive order which led to the creation of the War Refugee Board which helped to save thousands of European Jews.

Cynthia (JoJo) Magno

Senior Adjunct Instructor of Humanities
B.A. Seton Hall University
M.A. Seton Hall University

Professor Magno teaches literature, with special interest in Shakespeare and Early American literature, along with British and Women's lit courses. She also specializes in comparative religions and mythology, the study of myth from various sociological, psychological and literary dimensions, and traditional philosophies such as epistemology and logic.

William Maier, PE

Senior Adjunct Instructor of Mathematics
B.S. Norwich University
M.S.M.E. Fairleigh Dickinson University

Professor Maier began his teaching career at Centenary College in January, 2002 before joining WCCC in the fall of 2004. He is a licensed professional engineer with prior experience in the refining/petroleum industry. Presently, he is employed with the Department of Defense, as a project engineer doing design and construction for the facilities at Picatinny Arsenal.

Matthew Marciano

Senior Adjunct Instructor of Education & Political Science
B.A. Livingston College at Rutgers University in Political Science
M.A., Centenary College in Educational Leadership

Professor Marciano began teaching at WCCC in January of 2010 and currently teaches Political Science and Education classes at the College. Professor Marciano has been a Social Studies teacher for the past ten years, teaching Social Studies during his career to Grades 5-8. He is currently a Team Leader and Sixth Grade Social Studies Teacher at Long Valley Middle School. Additional experience has included conducting professional development teacher workshops on Co-Teaching, Character Education, Bullying and the Legal Rights and

Responsibilities of teachers. Matt has also presented to Social Studies Teacher at the New Jersey Council for Social Studies Conference in the Spring of 2006, Fall of 2011 and Spring of 2014. Matt was named Think Teachers Magazine Teacher of the Month in October of 2012 and is a regular monthly contributor to Think Teaches Magazine. Professor Marciano's Character Education project, entitled Change the World, has appeared on Classroom Close-up New Jersey and has also appeared on News 12 NJ.

Al Piechowski

Senior Adjunct Instructor of Chemistry
B.S. Villanova University
M.S. Rutgers University
Ph.D. Rutgers University

Professor Piechowski has published multiple articles in peer reviewed scientific journals including the *Journal of Physical Chemistry*, *Journal of Electroanalytical Chemistry*. He has worked for more than 15 years as a Senior Chemist, Product Development Engineer, Senior Developmental Associate and Research Associate in industries including Polychrome Corporation, Sun Chemical, and 3M. The recipient of a NDEA fellowship, he holds 12 U.S. patents plus numerous foreign patents. He has over 16 years of teaching experience at various colleges including Monmouth University, Centenary College and Rutgers University along with 4 years of high school teaching experience. He volunteered over 3 years building and repairing houses in Appalachia. He enjoys instructing karate and holds a first degree black belt. In addition to teaching, Professor Piechowski tutors students in all levels of Chemistry.

Kate Lyn Reiter

Senior Adjunct Instructor of English and Theater
B.F.A. Southwest Missouri University
M.F.A. Yale University

Kate Lyn has been an adjunct instructor of English and Theatre at Warren County Community College since 2007. She has been a guest lecturer at the YALE Summer Drama Program Film Workshop. She is a member of the professional union, The Dramatists Guild. She has directed theatre professionally and been a regular director for the Centenary Stage Company's Women Playwrights Series for several years. She is an award winning public speaker, and speaks frequently for community organizations and corporations. A two-time cancer survivor she also speaks at Cancer Support Groups. Kate Lyn's comedy workshops, *Humor in The Midst*, have been presented in conjunction with Centenary College, Centenary Stage Company, Chester Theatre Group, Warren County Cultural & Heritage Commission, New Jersey Teen Arts, & Roxbury Alliance for Arts

Council. Kate Lyn is also an accomplished writer and playwright. Her play, *St. Louie Dreamer*, garnered praises in the *New York Post*.

Gina M. Rosseland

Senior Adjunct Instructor of History
A.S. County College of Morris
B.A. Centenary College
M.A. East Stroudsburg University

Professor Rosseland joined the History faculty in 2008, having previously taught at the high school level. For her graduate thesis, she focused on "Women Soldiers of the American Civil War," concentrating on the variety of roles women had during the Civil War, most especially while dressed as men and serving as soldiers. In addition, she has focused on researching the history of Warren County, the role of the Morris Canal in northern New Jersey, as well as local history as it pertains to the American Revolution and Civil War. She has also presented "Morris Canal Project", a student-based project geared towards learning about local history through pictures to both students and historical groups. In February 2012, she was keynote speaker at the WCCC Black History month celebration in which she presented, "Where Do We Go From Here?" In addition, in June 2012, she was asked by the Morris Canal Society to display her Morris Canal and local history projects completed by students at the 100th Anniversary of the Thomas Edison Concrete Mile in New Village, NJ. In early 2014, she will be the key note speaker at the Westfield (NJ) Genealogical Society's meeting.

Ryan Scacci

Senior Adjunct Instructor of Philosophy,
Psychology and Music
A.A. Warren County Community College
B.A. Burlington College
M.A. Union Institute and University
Ph.D. Union Institute and University

Dr. Scacci earned his doctorate in Interdisciplinary Studies with a concentration in Humanities and Culture. His dissertation at Union Institute and University centered on theater, the creative process, and developmental psychology. He teaches Humanities, Psychology, and Philosophy. Starting from a childhood in Texas, he has spent considerable time in many regions of Ireland and America — gaining inspiration from the multiplicity of cultural perspectives. Complimenting his training in clinical psychology, his professional background also consists of over a decade of work as a professional visual artist, including a number of gallery exhibitions, display work in major American shopping malls, and a sculpture installation in the Colombian Embassy in New York City. He is currently co-curator of The Philosopher's Stone Gallery in Belvidere, New Jersey. His

publications include depth psychology, social criticism, and visual art reviews.

Mary Beth C. Tarantino

Senior Adjunct Instructor of Biology & Chemistry
B.S. Georgian Court College
M. Ed. University of Florida
Ed.S. University of Florida

Professor Tarantino has been serving the students at Warren since 2008. Outside class she is often found in the ISC tutoring students in microbiology, anatomy and physiology, general chemistry, and algebra or participating in college events and open houses. Professor Tarantino was selected as a 1978 National Recipient in Genetics at Princeton University for researching "The Hemagglutination of Lectins on Friedrich's Ataxia". She has taught both secondary and middle school, and has designed Home school Science Lab Experiments. In 2005, she was recognized for coordinating the chemistry section of the New Jersey Science Olympiad at Raritan Valley Community College. She is trained in the safe handling of hazardous chemicals, and established the Chemical Database for RVCC security, and local first responders. She is currently enrolled in the M.S. in Online Education Program at Franciscan University of Steubenville. Professor Tarantino is an active member of the National Science Teacher Association (NSTA).

Dale Warmingham

Senior Adjunct Instructor of Economics
A.A. Bucks County Community College
B.S. Rider University
M.B.A. Rider University

Professor Warmingham has over 30 years experience working with Johnson and Johnson and Ethicon, Inc. as a Facilitator and Senior Process Coordinator and most recently as a consultant. In addition, he served in the United States Air Force as an Airman Second Class. He teaches Macroeconomics and Microeconomics courses at WCCC.



WCCC FOUNDATION

We serve to cultivate sustainable charitable resources, secure philanthropic grants, support capital needs, and provide educational opportunities in order to contribute to the health and vitality of our diverse community of learners.

Since 1983 the WCCC Foundation has set its goals to support the Warren County college community through fundraising, grants, and community support. Because of the efforts of a unique group of community and business leaders who serve as Foundation Directors, students have been able to realize their dreams of successful careers and continuing education.

The Foundation relies on several major events a year for its funding efforts. Public participation is key to its success. Some of those major events are: the President's Ball, the Annual Golf Classic, Comedy Night, and the Warren County Hall of Fame. A Scholarship Breakfast is also a highlight of the year.

To learn about the events, lend support, or make a donation, please visit our website at www.wcccfoundation.org. Your participation and support is greatly appreciated.

The WCCC Foundation is currently active in a capital campaign to raise money for the proposed Health Education Center in Hackettstown, NJ. The Center, a joint effort of Warren County Community College Foundation and Hackettstown Regional Medical Center, will serve the educational needs of health science students throughout the region.

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Associate Professor, Area Chair
Warren County Community College

Spring 2016 Semester	Spring 2016 Semester Standard	April 2016 PowerPack*
Last day for 100% refund	Tuesday, January 19	Friday, April 8
Classes begin	Wednesday, January 20	Friday, April 8
Last day to add classes/Last day for 80% refund	Tuesday, January 26	Monday, April 11
Last day for 50% refund	Tuesday, February 2	Wednesday, April 13
Mid-Term grades due	Friday, March 11	Not applicable
Last withdrawal day for a "W"	Friday, April 1	Tuesday, April 19
Last withdrawal day for a WP/WF	Wednesday, May 11	Friday, April 22
Classes end	Wednesday, May 18	Sunday, April 24
Final grades due	Friday, May 20	Friday, April 29

*October and April PowerPack dates are for 3 credit courses that meet over 3 weekends. Dates will be adjusted for any 1 credit or 4 contact-hour courses. Please consult the Office of Academics for details.

Other important dates

Winter Recess: Thursday, December 24 through Sunday, January 3, 2016; College reopens January 4, 2016

Martin Luther King, Jr. Day: College closed—Monday, January 18, 2016

Spring Faculty/Staff In-Service: Wednesday, March 23, 2016—No day or evening credit classes and College offices closed

College closed: Saturday, March 26 through Sunday, March 27, 2016

Spring Break: No classes, college offices open—Monday, March 28 through Friday, April 1, 2016

College closed: Saturday, April 2, 2016

Commencement: Saturday, May 21, 2016

ACADEMIC CALENDAR 2015–2016

Fall 2015 Semester	Fall 2015 Semester Standard	October 2015 PowerPack*
Last day for 100% refund	Tuesday, September 8	Friday, October 2
Classes begin	Wednesday, September 9	Friday, October 2
Last day to add classes/Last day for 80% refund	Tuesday, September 15	Monday, October 5
Last day for 50% refund	Tuesday, September 22	Wednesday, October 7
Mid-Term grades due	Friday, October 30	Not applicable
Last withdrawal day for a "W"	Tuesday, November 10	Tuesday, October 13
Last withdrawal day for a WP/WF	Tuesday, December 15	Friday, October 16
Classes end	Tuesday, December 22	Sunday, October 18
Final grades due	Monday, January 4, 2016	Monday, October 26

*October and April PowerPack dates are for 3 credit courses that meet over 3 weekends. Dates will be adjusted for any 1 credit or 4 contact-hour courses. Please consult the Office of Academics for details.

Other important dates

Labor Day: College closed—Monday, September 7, 2015

Fall Faculty/Staff In-Service: Monday, October 12, 2015; No day classes

Thanksgiving Holiday: No Classes and College offices closed Thursday, November 26 through Sunday, November 29, 2015



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